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Bradley

Polytechnic Institute

IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO

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The School of Arts and Sciences

Bradley Hall

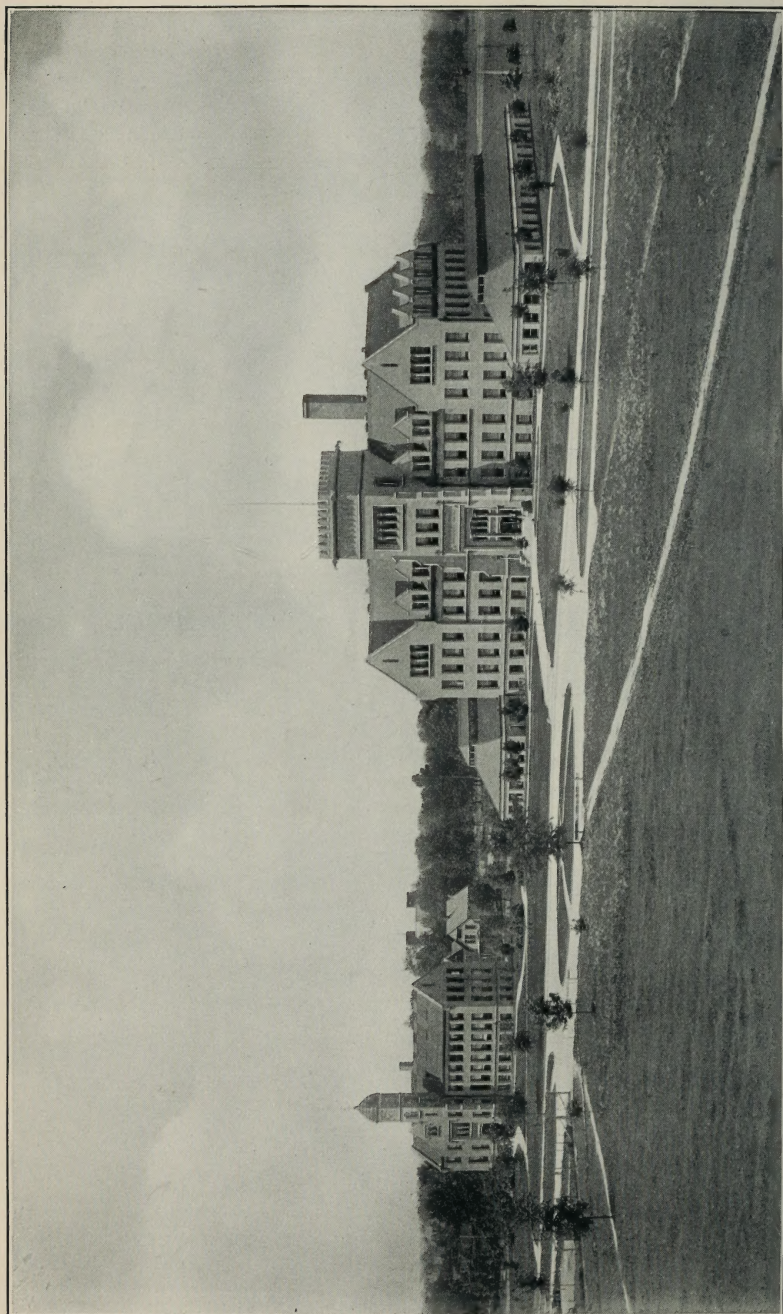
Register.....1904-1905

Announcements for 1905-1906

Peoria, Illinois

May, 1905





HOROLOGY HALL

BRADLEY HALL

Bradley Polytechnic Institute

IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO

The School of Arts and Sciences

Bradley Hall

Register . . 1904=1905
Announcements for 1905=1906

Peoria, Illinois
May, 1905

Calendar for 1905-1906

September 26.....Tuesday.....Autumn Quarter Begins
 October 8.....Sunday.....Founder's Day
 October 20.....FridayAnnual Lecture Course Begins
 October 26.....Thursday Parents' Meeting
 November 30 and } Thursday and Friday.....Thanksgiving Holidays
 December 1 }
 December 15FridayAutumn Quarter Ends

CHRISTMAS VACATION

January 2Tuesday.....Winter Quarter Begins
 January 25ThursdayDay of Prayer for Colleges
 February 22ThursdayWashington's Birthday, a Holiday
 March 23Friday.....Winter Quarter Ends
 March 26Monday.....Spring Quarter Begins
 April 3Tuesday.....Parents' Meeting
 April 17Tuesday.....Annual Spring Concert

APRIL 21 TO APRIL 29, SPRING VACATION

May 30.....WednesdayMemorial Day, a Holiday
 June 15.....Friday evening.....Open Night
 June 20.....WednesdayWork of Spring Quarter Ends
 June 21.....ThursdayClass Day
 June 22.....FridayConvocation Day



HISTORICAL SKETCH



R. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. They visited together a number of educational institutions for young people, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later, Mrs. Bradley took the matter up, and after visiting Rose Polytechnic Institute at Terre Haute, Indiana, formulated her wishes substantially as they are now expressed in the constitution of the Institute. It has been her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the advice of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for building and equipment; she has since largely increased the funds for these purposes.

Work was begun April 10, 1897, upon two buildings, which were occupied in October and November respectively. The work of the School was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall.

This catalogue contains the records of the eighth year, and the announcements for the ninth year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY	Peoria
<i>President.</i>	
LESLIE D. PUTERBAUGH	Peoria
<i>Vice-President.</i>	
HARRY A. HAMMOND	Wyoming
<i>Secretary.</i>	
WILLIAM R. HARPER.	The University of Chicago
RUDOLF PFEIFFER	Peoria
ZEALY M. HOLMES	Mossville
ALBION W. SMALL	The University of Chicago

COMMITTEES

<i>Finance</i>	MESSRS. BAILEY, HAMMOND AND PFEIFFER
<i>Buildings and Grounds</i>	MESSRS. BAILEY, SMALL AND PUTERBAUGH
<i>Faculty, Curriculum and Equipment</i>	MESSRS. HARPER, SMALL AND HOLMES

THEODORE C. BURGESS	<i>Director of the Institute</i>
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FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1904-1905

OFFICERS OF ADMINISTRATION

WILLIAM RAINEY HARPER, PH.D., LL.D.	<i>President of the Faculty</i>
THEODORE C. BURGESS	{ <i>Director</i> <i>Dean of College and Higher Academy</i>
HELEN BARTLETT	
CHARLES TRUMAN WYCKOFF	<i>Dean of Lower Academy</i>
CLARENCE ELMER COMSTOCK	<i>Recorder</i>
JOHN BURROUGHS STEARNS,	<i>Secretary</i>

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B., Hamilton College, 1883; A. M., 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, The University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek in University of Chicago, Summers, 1900-05; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharpe Manufacturing Co., and Putnam Machine Co., 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers College, New York City, 1891-7; Editor of *Manual Training Magazine*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

HELEN BARTLETT, Ph.D., *Professor of Modern Language.*

Student in Berlin, 1882-4 and 1890; Teacher of German, Peoria High School, 1884-9; Assistant Principal, 1887-9; Student Newnham College, University of Cambridge, England, 1889; A. B. Bryn Mawr College, 1892; A. M., 1893; Ph. D. *ibid.*, 1896; Graduate Student in English and German, Bryn Mawr College, 1892-5, and Fellow in English, 1893-4; Holder of the American Fellowship of the Association of Collegiate Alumnae, 1894-5; Instructor in German, Portland Academy, Portland, Oregon, 1896-7; Assistant Professor of German and French, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B., Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor in English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1891-3; Graduate Student in History and Political Science, The University of Chicago, 1894-96; Fellow *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-04.

CLARENCE ELMER COMSTOCK, A.M., *Assistant Professor of Mathematics.*

A. B., Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-4; A. M., Knox College, 1891; Graduate Student in Mathematics, Johns Hopkins University, 1892-3, 1894-5, and The University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902.

FREDERIC LENDALL BISHOP, S.B., *Assistant Professor of Physics.*

Student, Literature and Language, Boston University, 1894-5; S. B. Massachusetts Institute of Technology, 1898; Graduate Student, *ibid.*, Summer, 1898; Graduate Student in Physics, The University of Chicago, Summer, 1900; Winter and Spring, 1905; Associate in Physics, Bradley Institute 1898-1900; Instructor, *ibid.*, 1900-1903

WALES HARRISON PACKARD, S.B., *Assistant Professor of Biology.*

S. B., Olivet College, 1894; Fellow in Zoology, The University of Chicago, 1895-8; Instructor in Zoology, Marine Biological Laboratory, Woods Holl, Mass., Summers, 1895-99; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-04; Instructor in Physiology, University of Chicago, Summer, 1903.

ALICE DYNES FEULING, S.B., *Assistant Professor of Domestic Economy.*

Student State Normal School, Oshkosh, Wis., 1881-5; Teacher Wisconsin Public Schools, 1881-9; Student Cornell University, 1893-5; Principal Morton Park School, Chicago, 1895-7; S. B., University of Chicago, 1900; Teacher of Domestic Science, University of Chicago, Laboratory School, 1900; Head of the Department of Domestic Science, State Agricultural College, South Dakota, 1900-3; Dean of Women, *ibid.*, 1903; Instructor in Home Economics, College of Education, the University of Chicago, Summer Quarter, 1903-04; Teacher of Domestic Science, School of Education, *ibid.*, 1903-4.

MARY DOAN SPALDING, A.B., *Instructor in English.*

Student Cornell University, 1889-91; Teacher in English and Mathematics, Hyde Park Classes for Girls, 1892-3; Teacher of English and Mathematics, Harvard School, Chicago, 1894-6, 1897-9; A. B., University of Chicago, 1896; Graduate Student, *ibid.*, 1895-6, 1899-1900; Teacher of Mathematics and Physics, Dearborn Seminary, Chicago, 1899-1900. Associate in English, Bradley Institute, 1901-3.

GEORGE CROMWELL ASHMAN, B.Sc., *Instructor in Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, 1895-6; Teacher Physics and Chemistry, Frankfort, Ind., High School, 1893-1901; Graduate Student, The University of Chicago, Summers, 1897-1900; Associate in Chemistry, Bradley Institute, 1901-3; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901.

CLINTON SHELDON VANDEUSEN, M.E., *Instructor in Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-8; Associate in Manual Arts, Bradley Institute, 1898-1904.

LOUIS CLARK PLANT, Ph.B., *Instructor in Mathematics.*

Ph. B., University of Michigan, 1897; Principal of Schools, Olive, Mich., 1889-91; Overisel, Michigan, 1891-3; Graduate Student, The University of Chicago, 1897-8; *ibid.*, Summers, 1899, 1900, 1902; Assistant in Mathematics, Bradley Institute, 1898-1900; Associate, *ibid.*, 1900-4.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy.*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, O; Worthington Hydraulic Works, New York and Pittsburg Locomotive Works, Pittsburg, Pa. For six years Mechanical Department of Experimental Engineering, Cornell University. Assistant in Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1901-4.

LARUE VANHOOK*, Ph.D., *Instructor in Latin and Greek.*

A. B., University of Michigan, 1899; Graduate Student in Greek and Latin, The University of Chicago, 1899-1900; Fellow in Greek, *ibid.*, 1900-2 and 1903-4; Member of the American School of Classical Studies, Athens, Greece, 1901-2; Acting Professor of Greek, University of Colorado, 1902-3; Ph. D., University of Chicago, 1904.

*Resigned.

ELSIE PARSONS BOURLAND,* B.L., *Associate in French and German.*

Three years' study in France and Germany; B. L., Smith College, 1895; Teacher of Modern Languages, Scoville Place School, Oak Park, Ill., 1896-97; Teacher of French and English, Peoria High School, 1897-99; Student, Sorbonne, Paris, 1900; Student in Germany, 1901; Assistant in French and German, Bradley Institute, 1901-3.

ADELAIDE MICKEL, *Assistant in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student Harvard University, Summer, 1902.

MAUDE CULBERTSON OLMSTEAD, *Assistant in Sewing.*

Student Eureka College, 1893-4; Morgan Park Academy, 1894-6; Teacher, Peoria County, 1896-7; Graduate, Bradley Institute; 1901.

MARY BATES BLOSSOM, *Assistant in German.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Student, The University of Chicago, Summers, 1903-4.

KIRK HAROLD LOGAN, A. B., *Assistant in Physics.*

Assistant, High School, Appleton City, Mo., 1899-1900; A. B., University of Kansas, 1902; Head of Science Department, Friends University, Wichita, Kansas, 1902-3; Graduate Student, University of Kansas, Summer, 1903; University of Chicago, Summer, 1904.

JOHN BURROUGHS STEARNS, A. M., *Assistant in Latin and Greek.*

A. B., University of Wisconsin, 1902; Graduate Scholar in Greek and Latin, *ibid.*, 1902-3; A. M., *ibid.*, 1903; Graduate Student, The University of Chicago, Summer, 1903.

MARGUERITE CROFOOT, A. B., *Assistant in Latin and Greek.*

Graduate, Bradley Institute, 1900; A. B., The University of Chicago, 1902; Teacher in Public Schools, Peoria, 1902-3.

THOMAS ALBERT KNOTT, A. B., *Assistant in English and History.*

A. B., Northwestern University, 1902; Teacher of English, Northwestern Academy, 1901-2; Teacher of English and History, Coshocton, Ohio, High School, 1902-03; Graduate Student in English, The University of Chicago, Summer, 1904.

WRIGHT AUSTIN GARDNER, S. B., *Assistant in Biology.*

S. B., Albion College, 1902; Instructor in Mathematics, Michigan Agricultural College, 1902-3; Graduate Student, The University of Chicago, Summers, 1903-4.

EDWIN VICTOR LAWRENCE, *Assistant in Drawing.*

Graduate, Massachusetts Normal Art School, 1903; Portrait Class under Joseph De Camp; Student, Boston Art Club; Assistant in Drawing, Chelsea, Mass., 1902-3; Landscape Engineer and Draftsman with W. H. Punchard and Guy Lowell, Boston, 1897-1903.

FREDERICK HUSTON EVANS, *Assistant in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4.

EUGENE CORRIE, S. B., *Assistant in Mathematics.*

S. B., McKendree College, 1904; Student Tutor, Political Economy, 1902-4; Physiography, McKendree College, 1903-4; Teacher, Lawrenceville, Ill., Public Schools, 1904.

BERTHA MAY SCULLIN, *Assistant in Sewing.*

Student Assistant in Domestic Economy, Bradley Institute, 1902-3; Graduate, *ibid.*, 1903; Student, The University of Chicago, Summer, 1904.

JEAN MITCHELL, Ph. B., *Assistant in French and German.*

Western College, Oxford, Ohio, 1897-1900; University of Michigan, Summer, 1899; Ph. B., University of Michigan, 1902; Student in Paris and Vienna, 1902-3.

DEWEY ALSDORF SEELEY, B. S., *Lecturer in Meteorology.*

B. S., Michigan Agricultural College, 1898; Assistant Observer, U. S. Weather Bureau, Lansing, Mich., 1898; Albany, N. Y., 1898-9; Philadelphia, Pa., 1899-1900; Chicago, Ill., 1900-03, and First Assistant, Chicago, Ill., 1903-05; Observer, U. S. Weather Bureau, Peoria, Ill., 1905.

*Resigned.

STUDENT ASSISTANTS

FRANK C. BECHT, *Biology*
KATHERINE COPES, *Biology*
JOHN W. CRAGER, *Manual Arts*
JOHN W. CURTIS, *Manual Arts*
WILLIAM W. GORSLINE, *Mathematics*
VERA H. HALE, *English*
EDITH A. HUNTER, *Sewing*
HELEN S. MILLS, *Chemistry*
LOUIE A. NEILL, *Chemistry*
FRED S. SIMMS, *Physics*
ROBERT S. WOODWARD, *English*

OTHER OFFICERS

J. L. CADWALLADER, *Cashier*
JOSEPHINE O. CLINE, *Stenographer*
S. D. LYMAN, *Superintendent of Buildings and Grounds*
J. E. BENSON, *Engineer*



ADMISSION

Entrance.—Graduates of the eighth grade of the Peoria public schools, of the graded schools of Peoria County, and such other grammar schools as the Institute may approve, will be admitted to the first year of the Lower Academy without examination. Such students should present a diploma or certificate of graduation. Other applicants must present a statement of work done, signed by the Principal, and pass an examination in *Arithmetic, English Grammar and Composition, Geography, American History*. A solid foundation in *Arithmetic* and *English* is especially desirable. Examinations for entrance to the first year will be held on any Saturday in July or September, in Bradley Hall, provided application is made by letter to the Institute beforehand.

Admission to Advanced Standing.—Graduates and students who have done work in high schools, academies and colleges, will be admitted on presentation of a certificate of the kind, amount, and grade of work completed by the applicant, together with the titles of textbooks used and time spent upon each subject. A blank form for this statement will be furnished to school officials and prospective students upon application to the Director. Upon the basis of this statement, the student will be assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, his credits from former school will be accepted in so far as they cover the work of the Institute.

Admission to the College.—Graduates of the Peoria High School and other schools of equal grade may be admitted to the College in the Science, Literature and Classics groups upon the plan of entrance requirements in force at the University of Chicago.

Admission of Unclassified Students.—Students of mature age who for sufficient reasons do not wish to pursue a regular course, may be admitted without examination or certificate. They are known as unclassified students.

References.—Every student will be required to furnish the names of two or more persons to whom the Institute may apply for information concerning the student.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.



CURRICULUM



THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Trade or Technical Work. (2) Advanced Study in a College, University or School of Engineering. (3) Professional Study in Law or Medicine.

Divisions. The six years of study are divided into three two-year periods, as follows:

The Lower Academy (First and Second Years).

The Higher Academy (Third and Fourth Years).

The College (Fifth and Sixth Years).

1.—*Lower Academy, corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is the same in all groups with the exception of the Mechanic Arts, where earlier specialization is necessary.

2.—*Higher Academy, corresponding to the last two years of a High School Course.* When the Student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—*College, corresponding (according to the group) to the Freshman and Sophomore years in a College, University or Engineering School.* In the College the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading Colleges and Universities, such as Vassar, Wellesley, Smith, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mount Holyoke, Cornell, Wisconsin, Michigan, Chicago and other Universities of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. SCIENCE GROUP which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. ENGINEERING GROUP which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. CLASSICS GROUP which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. LITERATURE GROUP which is especially strong in Modern Languages and Latin. It prepares students for the third year of college course, leading to the degree of Ph. B. or B. L.

5. MECHANIC ARTS GROUP which is designed to meet the demand for training which fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. Owing to the fact that

this group is specialized from the beginning, applicants for admission to it are required to present the written permission of their parents

Combination Group:—Literature-Science. Students may take the Literature Group in the Higher Academy and the Science Group in the College and receive the same degree as that granted students who have completed the Scientific Group.

TEACHERS' COURSES IN MANUAL TRAINING AND DOMESTIC ECONOMY.

A COURSE PREPARATORY TO TEACHING MANUAL TRAINING.

Requirements for admission:

(a) *Four Years of Approved Academic Work.*

This Academic work should include English, Mathematics, Foreign Language, Science and History. It should also include, if possible, work in (a) Freehand Drawing, and (b) Woodwork and Mechanical Drawing.

Those who fail to present (a) and (b) may supply this lack by taking courses in the summer school (July 5-Aug. 9) or these and any other Academic subjects lacking may be taken in the regular classes of the Institute.

(b) *Collegiate Study*, covering a period of at least one year.

Teaching experience may be accepted in individual cases as partial or complete substitute for this collegiate study.

A certificate will be given those who present these requirements and also complete the following:

1. Organization of Manual Training 34 (*One Major*).*
2. Manual Training for Elementary Schools 33 (*Two Majors*).
3. Woodworking 31 (*Three or Two Majors*).
4. Metalworking 2 (*Two Majors*).
5. Drawing 32 (*Two Majors*).
6. Design 20 (*One Major*).
7. Textiles, Domestic Economy 13 (*One Major*).

Candidates who have already taken considerable work in Drawing may substitute Framing and Wood-turning 5, Pattern-making 6, and

*A major means twelve weeks' work with five recitations a week.

Cabinet-making 7 (*Three Majors in all*), for Drawing 32 (*Two Majors*), and Woodworking 31 (*One Major*). (The numbers after courses are those of Department Statements.)

In special cases the following substitutions will be allowed:

Machine Tool Work 26 for Design 20, or for Manual Training for Elementary Schools 33.

Freehand Drawing 12 for Design 20, and Textiles 13.

Freehand Drawing 13 or Drawing from the Antique and Figure Composition 19 instead of parts of Woodworking 1 and Metalworking 2.

Sewing 7 and Dressmaking 8 instead of Metalworking 2.

This group is especially well suited to those who have already proved their ability to teach other subjects and are now desirous of fitting themselves to teach Manual Training. To those already engaged in teaching that subject it offers new points of view and advanced study. Many students will find it advantageous to spend two years in this group instead of one. This will enable them to broaden their preparation for teaching by adding several elective courses not named above, and in some cases it will be possible to secure both the Manual Training certificate and a diploma of the Institute.

A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four Years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong laboratory courses in each, and if possible Drawing, should be included in the high school course. Any high school subjects which are lacking may be taken at the Institute. This of course, would mean that a longer time would be needed to complete the work required for a certificate. College graduates who have had some technical training may complete the course in one year.

A certificate is granted to all who present the requirements for admission and complete the following:

1. Cooking 4 (*Three Majors*).
2. Design, Manual Arts 20 (*One Major*).
3. Plain Sewing 7 (*Two Majors*).
4. Textiles 13 (*One Major*).
5. Sanitation 6 (*One Major*).

6. Home Decoration and Art Needlework 10 (*One Major*).
7. Chemistry of Foods, Chemistry 3c (*One Major*).
8. Food and Dietetics 5 (*Two Majors*).
9. Human Physiology, Biology 4 (*Two Majors*).
10. Bacteriology, Biology 5 (*One Major*).
11. Household Administration 11 (*One Major*).
12. Dressmaking 8 (*One Major*).
13. Emergencies, Home Nursing and Invalid Cooking 12 (*One Major*).
14. Teaching of Domestic Economy 14 (*One Major*).

(The numbers after the courses are those of Department Statements).

Those who present four years of Academic work including Physics and Chemistry should be able to secure the certificate in two years. During these two years 24 majors should be completed; the 19 required majors are specified above, leaving 5 majors for elective work which should be preferably in subjects outside of Science or Domestic Economy. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the certificate in a shorter time.

Those who have completed the Science, Literature or Classics Groups at the Institute may secure the certificate by one year's additional work.

PROGRAM OF STUDIES

			AUTUMN	WINTER	SPRING
Manual Training	Organization of		Organization of	Organization of	Organization of
	Manual Training	2	Manual Training	2	Manual Training
	Manual Training for		Manual Training for		Manual Training for
	Elementary Schools	3	Elementary Schools	3	Elementary Schools
	Drawing		Drawing		Drawing
Domestic Economy	Woodworking		Woodworking		Woodworking
	Design		Design		Textiles
FIRST YEAR					
	Plain Sewing		Plain Sewing		Dress-making
	Cooking		Cooking		Cooking
	Biology		Biology		Bacteriology
	Elective		Elective		Chemistry of Foods
SECOND YEAR					
	Food and Dietetics		Food and Dietetics		Sanitation
	Household		Design		Textiles
	Administration		Home Decoration		Teaching Domestic
	Emergencies		Elective		Economy
	Elective				Elective

PROGRAM OF STUDIES BY QUARTERS

NOTE—Figures denote the number of periods a week devoted to each subject; when no figure is given, five recitations a week are indicated. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra Latin Physiography Woodworking <i>or</i> Sewing, <i>and</i> Drawing	Algebra Latin English Woodworking <i>or</i> Sewing, <i>and</i> Drawing	Algebra Latin Botany Woodworking <i>or</i> Sewing, <i>and</i> Drawing

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry 4 Latin English 1 Zoology <i>or</i> German † Metalworking <i>or</i> Sewing, <i>and</i> Drawing	Geometry Latin English 1 Zoology <i>or</i> German † 4 Metalworking <i>or</i> Sewing, <i>and</i> Drawing	Geometry Latin 1 English Civics <i>or</i> German † Metalworking 4 <i>or</i> Sewing, <i>and</i> Drawing

MECHANIC ARTS GROUP

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra Physiography Drawing Woodworking Metalworking	Algebra English Drawing Woodworking Metalworking	Algebra Civics Drawing Woodworking Metalworking

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry 4 English 1 Physics Mechanical Drawing Framing	Geometry English 1 Physics Architectural Drawing 4 Pattern-making	Geometry English Physics Pattern-making <i>or</i> Cabinet-making

† This option is only for those requiring three years German for college entrance.

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)

	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics Modern Language or Latin English or History of Greece Drawing	Physics Modern Language or Latin History of Greece or English Drawing	Physics Modern Language or Latin English Solid Geometry	Chemistry English History of Rome Shop or Food Work	Chemistry Modern Language or Latin Algebra Shop or Food Work	Chemistry Modern Language or Latin Trigonometry Shop or Food Work
Engineering	Physics Modern Language English or History of Greece Framing	Physics Modern Language History of Greece or English Pattern-making	Physics Modern Language English Solid Geometry	Chemistry English History of Rome Freehand Drawing	Chemistry Modern Language Algebra Freehand Drawing	Chemistry Modern Language Trigonometry Lettering
Classics	Latin Greek Physics English or History of Greece	Latin Greek Physics History of Greece or English	Latin Greek Physics Solid Geometry	English Greek History of Rome Shop or Food Work	Latin Greek Algebra Shop or Food Work	Latin Greek English Shop or Food Work
Literature	Latin Modern Language Physics English or History of Greece	Latin Modern Language Physics History of Greece or English	Latin Modern Language Physics Solid Geometry	English Modern Language History of Rome Shop or Food Work	Latin Modern Language Algebra Shop or Food Work	Latin Modern Language English Shop or Food Work
Mechanic Arts	Solid Geometry Chemistry Freehand Drawing Foundry	Algebra Chemistry Freehand Drawing Forging	Trigonometry Chemistry Lettering Forging	Electrical Construction Machine Tool Work Materials of Construction Machine Drawing	Electrical Construction or Machine Construction Steam English Machine Drawing	Electrical Construction or Machine Construction Steam English Machine Drawing



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

PROGRAM BY QUARTERS—CONTINUED

COLLEGE (BY GROUPS)

FIFTH YEAR			SIXTH YEAR			Science
AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING	
Modern Language Physiology College Algebra Drawing or Cooking	Modern Language Physiology Analytic Geometry Drawing or Di- etary Studies	Modern Language Bacteriology and Hygiene Advanced U. S. History Drawing or Sanitation	Biology or Chemistry or Physics or Mathematics English Elective	Biology or Chemistry or Physics or Mathematics Medieval History Elective	Biology or Chemistry or Physics or Mathematics Modern History English	
Modern Language English College Algebra Mechanical Drawing	Modern Language Medieval History Analytic Geometry Descriptive Geometry	Modern Language Advanced U. S. History Analytic Geometry Descriptive Geometry	Modern Language or Chemistry Physics Calculus Machine Drawing	Modern Language or Chemistry Physics Calculus Machine Drawing	Modern Language or Chemistry Physics Calculus or Machine Drawing English	
Modern Language Greek Biology or Chemistry or Physics	Modern Language Greek Biology or Chemistry or Physics	Modern Language Greek Trigonometry*	English Latin College Algebra Drawing or Cooking	Medieval History Latin English Drawing or Dietary Studies	Modern History Latin Advanced U. S. History Drawing or Sanitation	
Modern Language Latin Biology or Chemistry or Physics	Modern Language Latin Biology or Chemistry or Physics	Modern Language Latin Trigonometry*	English Modern Language College Algebra Drawing or Cooking	Medieval History Modern Language English Drawing or Dietary Studies	Modern History Advanced U. S. History English Drawing or Sanitation	Literature

The program of Studies for the Teachers' Courses in Manual Arts and Domestic Economy may be found on page 14.

*Young women taking *Food Work* may substitute *Food Analysis* for Trigonometry in this quarter and must then substitute *Trigonometry* for *College Algebra* in the sixth year.



DEPARTMENTS

BIOLOGY



THE department will aim to present, in so far as limited time will permit, both the practical and the important theoretical sides of Biology. It will make especial effort to give good training to students preparing to enter the study of medicine.

The laboratories are equipped with dissecting and compound microscopes, microtomes, glassware, aquaria and other instruments and supplies needed for Biological work. For the Physiological and Bacteriological work in the College, there are duplicate sets of the Harvard physiological apparatus, kymographs, a spring myograph, Mosso's ergograph, electric centrifuge, considerable apparatus for the study of circulation and respiration, apparatus for the study of the blood and urine, a Reichert polariscope for the study of sugar, steam and hot air sterilizers, incubator, models of the eye, ear, etc., and a full line of supports and reagents. For Zoology there is a good collection of Leuchart's charts, prepared skeletons of the representative groups and a considerable collection of demonstration material, including a collection of shells and corals presented to the Institute by several gentlemen of Peoria, a collection of insects from the University of Illinois, and all mounted birds, mammals and other biological collections of the Peoria Scientific Association. For Botany, the laboratory has an herbarium presented by Miss Heading, of Peoria, and all other demonstration material and apparatus needed for the course given. The laboratory also has an electric stereopticon with microscopic attachment and a growing collection of slides.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the more

representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological experiments performed by the students. The compound microscope is used for demonstration, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observation and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week.

COLLEGE

3. *General Biology (Two Majors)*. Typical forms of animals and plants studied with reference to their anatomy and physiology, the design of the course being a study of their structure and function rather than their systematic position. It is aimed to give the student a broad conception of the general principles of Biology including a discussion of such problems as heredity, variation and adaption. The concluding lectures deal with the theory of organic evolution. Introductory work with the compound microscope, including the technic of slide preparation. Lectures and laboratory, ten hours a week.

4. *Human Physiology (Two Majors)*. The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general

student as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science.

Prerequisite, Elementary Chemistry. Lectures and laboratory, ten hours a week.

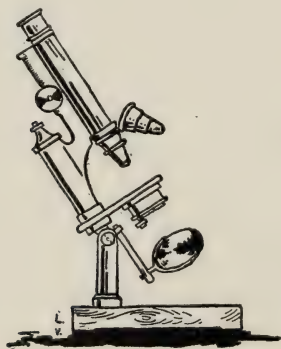
5. *Bacteriology (One Major)*. The general methods of Bacteriology with sanitary and industrial applications. The general biology of bacteria and cultivation and systematic study of the common non-pathogenic and a few pathogenic organisms and their effects. Hygienic aspects of Bacteriology, testing of disinfectants, bacteriological examination of water, air, soil, milk, etc. Discussion of the problems of Water Supply and Public Health. Lectures and laboratory, ten hours a week.

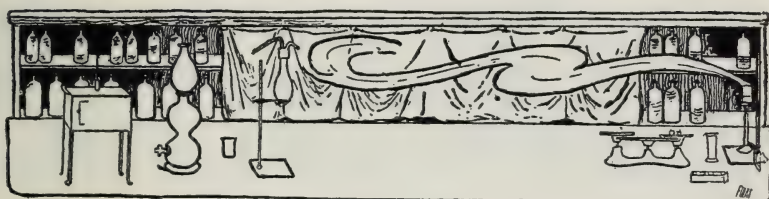
6. *Comparative Anatomy (One Major)*. A careful dissection of representative types and a study of the comparative anatomy of the vertebrates. Lectures, demonstration and laboratory, ten hours a week.

7. *Histology and Cytology (One Major)*. A study of the cell and elementary tissues followed by a thorough study of the visceral organs. Lectures and laboratory, ten hours a week.

8. *Embryology (One Major)*. A study of the various forms of egg cleavage, the embryo formation in the frog, and a thorough study of the embryology of the chick. Lectures and laboratory, ten hours a week.

Courses 6, 7 and 8 are designed especially for students preparing for medicine, and constitute a year of pre-medical work.





CHEMISTRY

The aim of the department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in everyday life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to enable the student to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The laboratory has also complete equipment for electrolytic analysis, analysis of water, gas analysis, analysis of iron and steel, and assaying.

HIGHER ACADEMY

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements and compounds, oxygen, hydrogen, water, chlorine and hydrochloric acid. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of the non-metallic elements, atomic theory, valence, solution, and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be

able to identify any simple salt and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week.

During the Spring quarter a series of twelve demonstration lectures on the chemistry of foods is given to those students who are taking this course and Cooking 4.

Prerequisite, Physics 1 or its equivalent.

COLLEGE

2. *Qualitative Analysis (Two Majors)*. (a) Study of solutions, product of solubility, mass action, analysis of mixtures. The lectures deal with the theoretical basis of analytical chemistry. Ten hours a week.

(b) Analysis of complex mixtures, ores, methods of assaying. Ten hours a week.

(c) *Elementary Quantitative Analysis (One Major)*. Methods in gravimetric and volumetric determinations. Collateral reading. Ten hours a week.

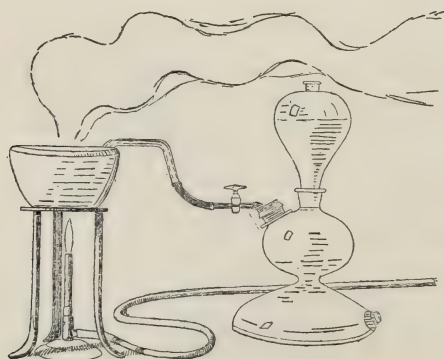
Prerequisite, Chemistry 1.

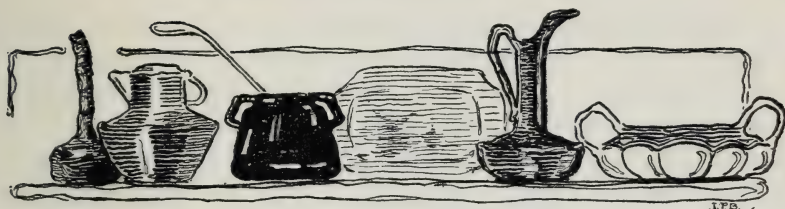
3. *Qualitative Analysis (Two Majors)*. (a) Study of solutions, product of solubility, mass action, analysis of mixtures. The theoretical basis of analytical chemistry. Ten hours a week.

(b) Analysis of complex mixtures, identification of simple organic substances. Ten hours a week.

(c) *Chemistry of Foods (One Major)*. Lectures and laboratory work in the preparation of pure chemical substances, introducing some quantitative methods. Food analysis, special reference to adulterants. Ten hours a week.

Prerequisite, Chemistry 1.





DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in domestic economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of domestic economy.

LOWER ACADEMY

1. *Sewing (Two Majors)*. Book and models covering the full course in hand sewing, consisting in basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

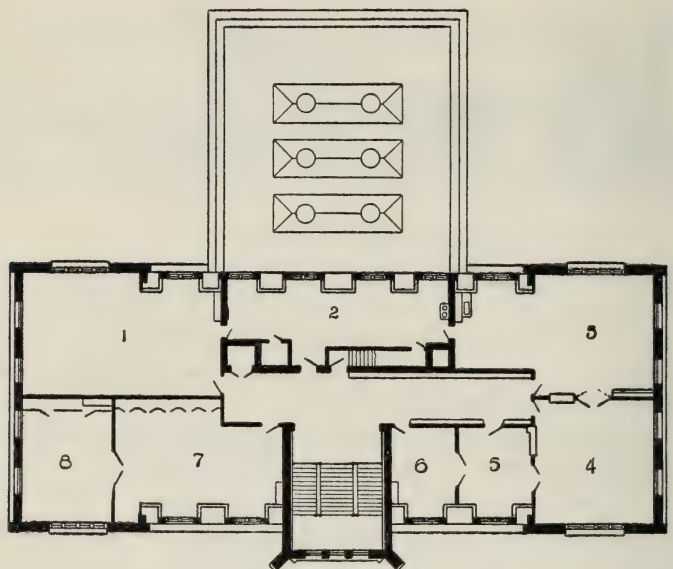
2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing of garments.

Exercises in embroidery and working out of original designs are given if desired.

4. *Cooking (Three Majors)*. This course aims to teach the fundamental principles of cooking together with lessons in the selection and relative values of food materials found in the local markets. Laboratory work in cooking in small and large quantities.



THIRD FLOOR

- 1 Lunch Room
2 Kitchen
3 Cooking Laboratory

- 4 Lecture Room
5 Practice Dining Room

- 6 Office, Domestic Economy
7-8 Sewing

COLLEGE

5. *Food and Dietetics (Two Majors)*. The principles of diet, the relation of food to health, study of dietaries for school children, adults and old people, making of standard dietaries at specified cost, special problems in the preparation of those dietaries in the most economical manner. Lectures, recitations and laboratory work.

6. *Sanitation (One Major)*. Study of home sanitation with discussions of situations, soil and drainage of land, observation and study of buildings, construction, ventilation, heating, lighting and plumbing. Lectures, recitations, field work and laboratory work.

Prerequisite, Chemistry 1.

PRIMARILY FOR TEACHERS

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of under garments, a shirt waist and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. A complete course in scientific cooking including the principles involved in the preparation of the various classes of foods, a study of cook books, U. S. government bulletins and reference books, lessons in marketing and serving, laboratory work in cooking in small and large quantities.

Prerequisite, Chemistry 1.

10. *Home Decoration and Art Needlework (One Major)*. Evolution of the house and the homes of primitive peoples, the application of color in home decoration, study of materials in home furnishing and their values from the esthetic and utilitarian standpoints. Lectures, laboratory and assigned readings.

Prerequisite, Manual Arts 20.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, service, home industries, special problems assigned. Lectures, recitations and assigned readings.

Prerequisite, Domestic Economy 6 and 9.

12. *Emergencies, Home Nursing and Invalid Cooking (One Major)*. What to do in cases of emergencies as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

Prerequisite, Domestic Economy 9.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The laboratory work includes spinning, weaving, dyeing and basketry. A variety of materials is used, special stress being laid upon local materials. Lectures, readings, laboratory and field work.

Prerequisite, Manual Arts 20.

14. *Teaching of Domestic Economy (One Major)*. The teaching of the various branches of Domestic Economy in elementary and high schools, correlation with other studies in the curriculum. Planning courses of study for specific schools. Lectures, recitation and assigned readings.

Prerequisite, Domestic Economy 7-13.



ENGLISH

The work of the Department of English has four general aims: 1—Power to speak and write well. 2—An intelligent love of good literature. 3—A knowledge of the laws which govern expression of thought by words. 4—Familiarity with the chief facts of the history of the English language and literature.

To accomplish the first of these ends, effort is made to improve the everyday spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of the best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and to avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the History of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

1. (a) *Study of Masterpieces*: "The Lady of the Lake;" Gayley and Flaherty's "Poetry of the People;" "Last of the Mohicans;" "Julius Caesar."

(b) *Composition*: Short narratives and descriptions; special attention to spelling, punctuation, and sentence structure. (*One Major*.)

2. (a) *Study of Masterpieces*: "The Merchant of Venice;" "The Ancient Mariner;" "The Vicar of Wakefield;" Irving's "Oliver Goldsmith;" "The Vision of Sir Launfal."

(b) *Composition*: More advanced work along the same line as in Course 1 (b), with additional attention to correct and effective use of words. (*One Major*.)

Prerequisite, Course 1.

In addition to Course 2, second year students take English one hour per week for two quarters. This consists of a review of such grammatical principles as are particularly essential for later work in language.

HIGHER ACADEMY

3. (a) *Study of Masterpieces*: "Macbeth," "Idylls of the King;" "Ivanhoe;" Selections from the lyrics in Pancoast's "Standard English Poems."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly. (*One Major.*)

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration with introductory study and practice in exposition; themes twice a week. Study of "Speech on Conciliation with America," selections from Sir Roger de Coverley Papers, and Macaulay's Essays on Johnson and Addison, with especial attention, in connection with the theme work, to rhetorical elements. (*One Major.*)

Prerequisite, Course 3.

5. *Study of Masterpieces*: "The Tempest;" "L'Allegro," and "Il Penseroso;" "Paradise Lost," Books I and II; Macaulay's Essays on Milton and Addison; selected poems of Burns; Carlyle's "Essay on Burns;" "The Princess;" "Silas Marner." Special attention is given in the history of literature to the periods of Shakspeare and Milton. (*One Major.*)

Prerequisite, Course 3.

COLLEGE

6. *Rhetoric and Composition*: A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition, and argument. Themes required weekly. (*One Major.*)

Prerequisite, Courses 4 and 5.

7. *English Literature*: Introductory study of the history of the English language and literature; with accompanying study of selected poetry and prose. (*One Major.*)

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition*. Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style. (*One Major.*)

Prerequisite, Course 6.



GERMAN AND FRENCH

I. GERMAN

The aim of Courses 1 and 2 is the acquisition of a large vocabulary and of such knowledge of the structure of the language as will enable the students to translate at sight German of moderate difficulty. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode, and the simpler idioms. Frequent practice in conversation and in translation from English into German familiarizes the pupil with ordinary colloquial German. Courses 3 and 4 extend the student's acquaintance with the best modern German prose as well as with the literary movements of the eighteenth century. Course 2 (b) is especially adapted to those who desire facility in translating prose, so that they may refer directly to the works of modern German scientists.

HIGHER ACADEMY OR COLLEGE

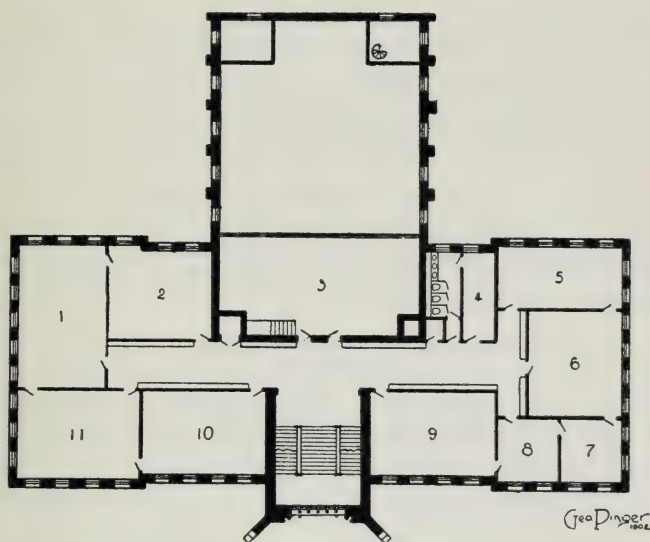
1. Otis, *German Grammar*; Seeligmann, *Altes und Neues*; Leander, *Träumereien*; Storm, *Immensee*. Translation at sight is introduced as early as practicable. (*Three Majors*.)

2. (a) Thomas, *Practical German Grammar*, Part I; Bernhardt, *German Composition*. The texts read are the following or equivalents: Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Heyse, *L'Arrabbiata*; Benedix, *Einer muss heiraten*. Sight translation of simple prose, colloquial practice.

(b) Dippold, *Science Reader*. (*Three Majors*.)

COLLEGE

3. (a) Thomas, *German Grammar*, selections from part II; Jagemann, *German Syntax, Prose Composition*; Bronson, *Colloquial German*.



SECOND FLOOR

- | | | |
|---------------------|---------------------------|----------------|
| 1 Biology | 5 French and Mathematics | 8 Waiting Room |
| 2 Mathematics | 6 Greek | 9 German |
| 3 Gallery of Chapel | 7 Office of Dean of Women | 10 Mathematics |
| | 11 Museum | |

(b) The texts read are the following or equivalents: Rosegger, *Waldheimat*; Freytag, *Karl der Grosse*; Sudermann, *Frau Sorge*; Goethe, *Iphigenie*. Sight translation; reproduction of narrative prose, oral and written. (*Three Majors*.)

4. Critical reading of representative works of *Lessing*, *Goethe* and *Schiller*; such as, Goethe, *Hermann und Dorothea* (private reading), *Egmont*, selections from *Dichtung und Wahrheit*; Lessing, *Minna von Barnhelm* (private reading), *Emilia Galotti*, *Nathan der Weise*; or Schiller, *Maria Stuart*, *Wallenstein*, selections from *Der dreissig-jährige Krieg*. Lyrics and ballads. A careful study of the above authors, together with themes in German on subjects suggested by the course. Colloquial practice. (*Two Majors*.)

II. FRENCH

In the first year of this course, special stress is laid upon the principles of grammar and composition. Reading of easy prose, frequent dictation, memorizing French, and practice in conversation aid the student in understanding both written and spoken French.

In the second year, the study of the grammar is continued together with more advanced composition. The reading includes some of the works of modern authors as well as some of the classic dramas of the seventeenth century. Rapid sight reading, conversational practice, dictation, and memorizing French form an important part of the course.

HIGHER ACADEMY OR COLLEGE

1. Fraser and Squair, *French Grammar*; François and Giroud, *Easy French*; François, *French Prose Composition*, Part I; *La Main Malheureuse*. (Three Majors.)

2. Fraser and Squair, *French Grammar*; Bouvet, *Syntax and Composition*; François, *French Composition*, Part II. The texts read are the following or equivalents: Erckmann-Chatrian, *Le Conscrit de 1813*; Augier, *Le Gendre de M. Poirier*; Malot, *Sans Famille*; Daudet, *La Belle Nivernaise*; Maupassant, *Huit Contes Choisis*; Molière, *Le Bourgeois Gentilhomme*; Sandeau, *Mlle. de la Seglière*. (*Three Majors*.)



HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

1 and 2. *Civil Government.* (*One Major.*) An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

This course is given to students of the Mechanic Arts group in the first year, and is designated History 1; to students of other groups in the second year and is designated History 2.

HIGHER ACADEMY

3. *Greek History.* (One Major.)

4. *Roman History.* (One Major.)

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history. Causes leading to the transition to the medieval age.

COLLEGE

5. *The Medieval Period.* (One Major.) The Franco-Roman Reorganization of Europe. Feudalism. The conflict between the Empire and the Papacy. The development of national states. The reflex influence of the Crusades on Europe. The Renaissance.

Prerequisite, Course 4.

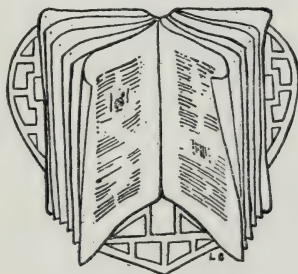
6. *The Modern Period.* (One Major.) The Reformation and age of Religious Wars. Europe under Bourbon and Hapsburg. The rise of Prussia and Russia. The Expansion of England. The French Revolution and Napoleonic Era. Europe after 1815.

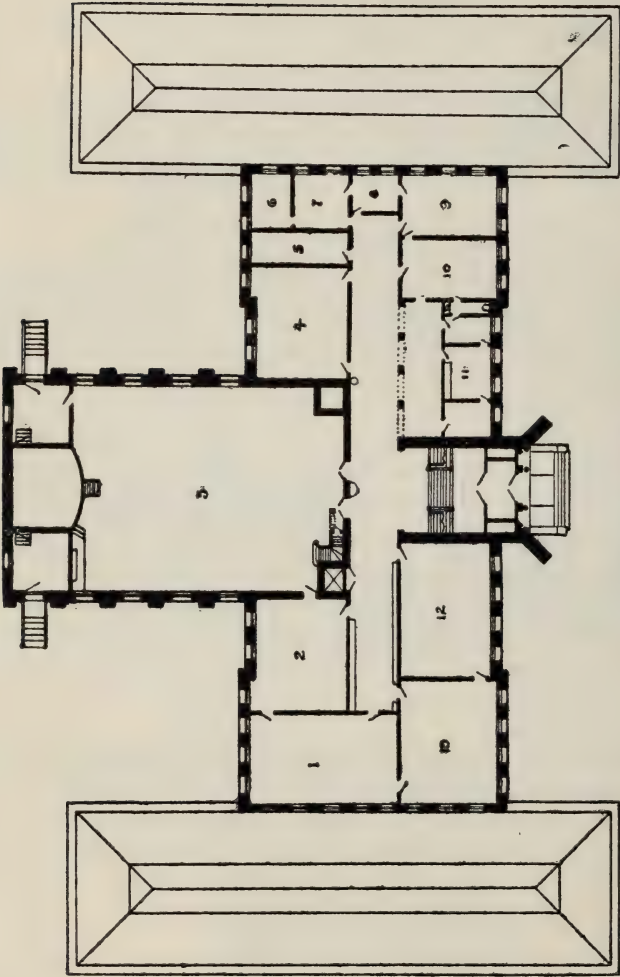
Prerequisite, Course 5.

7. *Topics in the Constitutional History of the United States.* (One Major.) This course supplements Course 2, and gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Prerequisite, Course 2.

Note: A valuable collection of public documents affords special facilities for the work of this course.





FIRST FLOOR

- | | | |
|-----------|---------------------------------|----------------------|
| 1 History | 5 Book Room | 10 Reception Room |
| 2 Library | 6 Office, Dean of Lower Academy | 11 General Office |
| 3 Chapel | 8 Office of the Recorder | 12 Latin |
| 4 English | 9 Office of the Director | 13 Latin and History |



COOKING LABORATORY



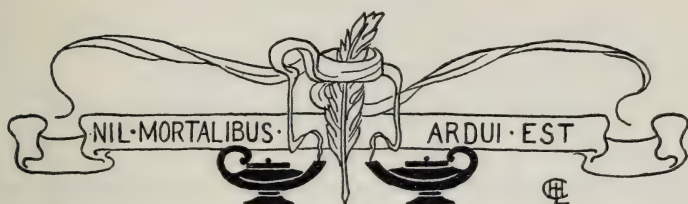
SEWING ROOM



A CLASS IN VERGIL



A CLASS IN GEOMETRY



LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; Cæsar, *Gallic War*; Eutropius, *Roman History*; Nepos, *Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the College a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin however, still forms the substantial part of the work. Close attention is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses, translation at sight will form a part of the work. Each student will be encouraged to do work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons.* (*Three Majors.*)
2. *Cæsar and Prose Composition.* (*Two Majors.*)

HIGHER ACADEMY

3. *Vergil.* (*Three Majors.*)
4. *Cicero, Orations; Prose Composition.* (*Two Majors.*)

COLLEGE

5. (a) *Cicero, De Senectute; Terence, Phormio.* (*One Major.*)
(b) *Livy, Book I or XXI.* (*One Major.*)
(c) *Horace, Odes.* (*One Major.*)

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

II. GREEK

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Special attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

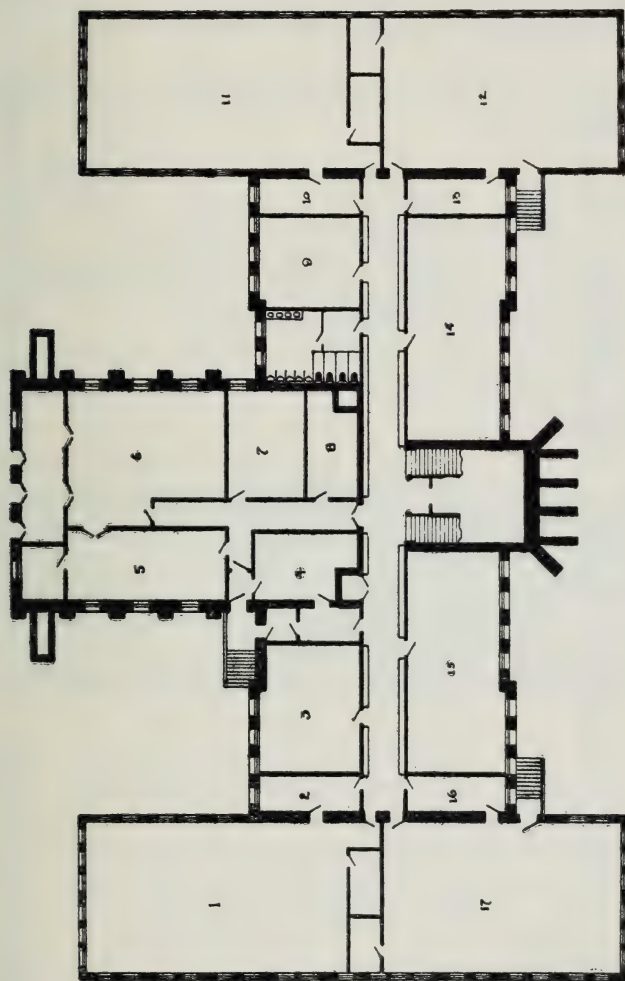
Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompany the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected Department library.



BASEMENT PLAN

- | | | | |
|----|------------------------|----|------------------------------|
| 1 | Pattern Shop | 12 | Metalworking Room |
| 2 | Moulding Room | 13 | Office, Dept. of Manual Arts |
| 3 | Physics Lecture Room | 14 | Chemistry Laboratory |
| 4 | Store Room | 15 | Physics Laboratory |
| 5 | Engine Room | 16 | Wash Room |
| 6 | Boiler Room | 17 | Woodworking Room |
| 7 | Lumber Room | | |
| 8 | Chemical Store Room | | |
| 9 | Chemistry Lecture Room | | |
| 10 | Wash Room | | |
| 11 | Machine Shop | | |

HIGHER ACADEMY

1. *Elementary Greek* (*Two Majors*). Xenophon, *Anabasis*, Book I; Prose Composition. (*One Major*.)

2. (a) Xenophon, *Anabasis*, Books II and III, and Book IV, or selections from Xenophon, *Helenica* (*Two Majors*). Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books. (*One Major*.)

COLLEGE

3. (a) Plato, *Apology* and *Crito*. (*One Major*.)

(b) Homer, about 12 books of the *Odyssey*. (*One Major*.)

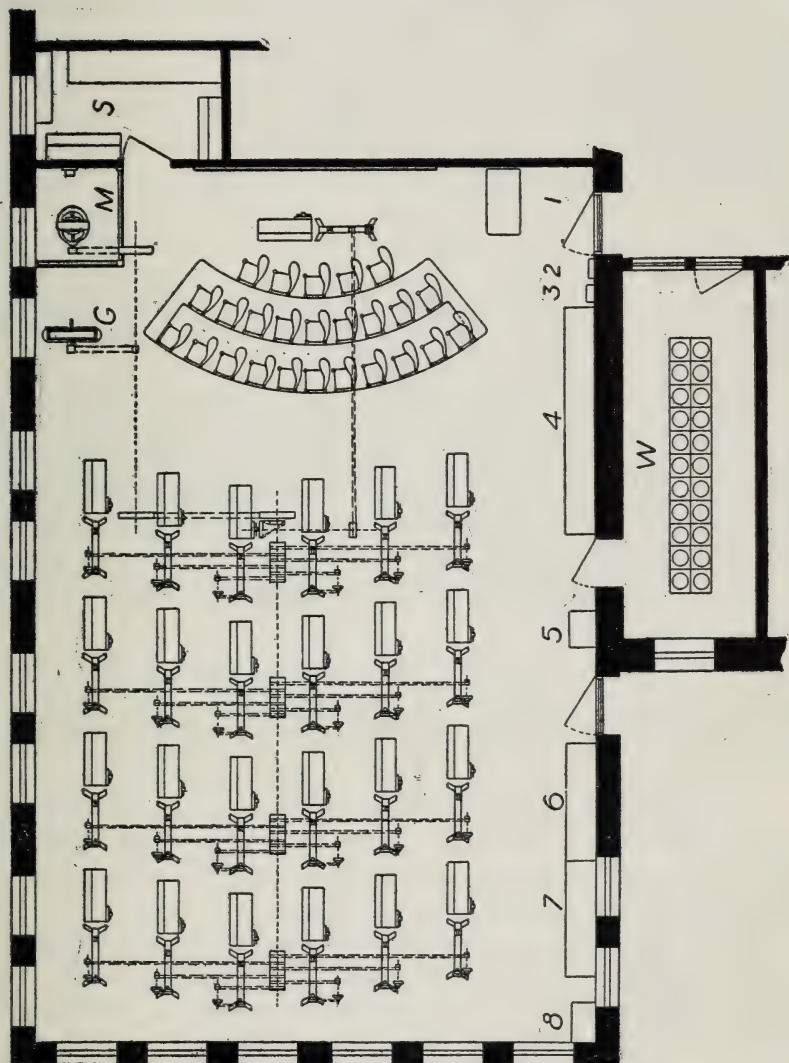
(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alcestis* or *Medea*; Sophocles, *Antigone*. (*One Major*.)

Exercises in writing Greek, and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).



MANUAL ARTS

This department gives (a) instruction in manual training and drawing to boys of the Lower Academy; (b) instruction in drawing to girls of the Lower Academy; (c) advanced courses in drawing, painting and designing to students in the Higher Academy and College; (d) courses in shopwork, drawing and engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) courses in shopwork and drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who are working toward a degree in engineering; (f) normal training to both men and women who wish to teach manual training and drawing.



WOODWORKING ROOM

- | | | | |
|---|----------------|---|------------------------------|
| W | Wash Room | 3 | Switch Board |
| S | Storeroom | 4 | Case for Unfinished Work |
| M | Electric Motor | 5 | Case for Carving Tools |
| G | Grindstone | 6 | Bench for Gluing |
| 1 | Teacher's Desk | 7 | Finishing Bench |
| 2 | Key Board | 8 | Case for Finishing Materials |

In each of the courses offered, especially in the Academy, the aim is not only to give pupils an opportunity to acquire power to work intelligently, but also ability to appreciate what has been done by others. This involves a study of the masterpieces of the past in art and engineering and a study of the best works of the present day. In some form this idea has influence in every course, whether it be freehand drawing, metalworking, cabinet-making, or machine drawing.

LOWER ACADEMY

1. *Woodworking and Drawing. (Three Majors.)* This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy.

During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. After the first few pieces pupils are allowed considerable liberty in the choice of the objects they make. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning. During a part of the year weekly illustrated talks are given on forestry, lumbering, kinds of wood, methods of sawing, seasoning and marketing lumber.

In drawing, the elements of mechanical drawing are given, with emphasis at first in the direction of working drawings; later the theory of projection is taken up, also the study of developments of geometric solids.

2. *Metalworking and Drawing. (Three Majors.)* The general plan of this course is similar to Course 1. It is a manual training course in cold-metal working and is required of boys in the second year of the Lower Academy.

This course consists of a large number of fundamental processes in cold-metal working. Among them are chipping, filing, fitting, polishing, bending, beating, drilling, riveting, soldering, turning and spinning. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, copper trays and lanterns, tin funnels and dishes, and a great variety of other objects in copper and black iron. Students are encouraged to work from their own designs.

The drawing in this course is largely freehand and closely related to the shopwork. It includes a study of color. Designs for many of the shop problems originate in the drawing room.

A series of illustrated talks on the history of architecture and the decorative arts is given in connection with this course.

3. *Freehand Drawing. (One Major.)* A course in pictorial and decorative drawing required of girls in the first year of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added, and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing. (One Major.)* This course is required of girls in the second year of the Lower Academy. The first quarter is given to mechanical drawing. The second and third quarters are devoted to practical work in design. This involves the drawing of ornament, the study of color combinations and the laying on of flat tints with water colors. Students in this course attend the talks on the history of architecture and the decorative arts mentioned under Course 2.

HIGHER ACADEMY

5. *Framing and Wood-turning. (One Major.)* A course in house and bridge framing, including the construction of the most important joints. An advanced course in wood-turning is given at the close of the work in framing, preparatory to pattern-making.

Prerequisite, Manual Arts 1.

6. *Pattern-Making. (Two Majors.)* The first half of this course covers the fundamental principles and processes of pattern-making, together with enough foundry work to demonstrate principles of pattern-making. During the second half the class makes complete sets of patterns for machines to be constructed by students in the class in machine construction.

Prerequisite, Manual Arts 1 and 5.

7. *Cabinet-Making. (One Major.)* This course in cabinet-making and wood-finishing may be taken in place of the second half of Course 6. It consists in designing and constructing pieces of wooden furni-

ture, having as their leading characteristics simplicity, stability and pleasing proportions.

Prerequisites, Manual of Arts 1 and 5.

* 9. *Foundry Practice.* (One Major.)

*10. *Forging.* (Two Majors.)

14. *Mechanical Drawing.* (One Major.) This course is intended to give a thorough grounding in orthographic projection, developments and intersections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing, Machine Drawing or Descriptive Geometry, which follows.

Prerequisite, Manual Arts 1.

18. *Architectural Drawing.* (One Major.) This course consists in making floor plans, elevations and details of summer cottages and suburban houses. The requirements of the modern home are considered from the standpoints of health, convenience and culture, and buildings are then designed to meet definite practical conditions. Students consult published plans and plans loaned by local architects.

Prerequisite, Manual Arts 14.

12. *Freehand Drawing.* (Two Majors.) (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink and water color. (b) One hour a week is spent in sketching from life. (c) Lectures on freehand perspective. For home work in connection with this course pupils are required to read Tarbell, *History of Greek Art* and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2, or 3 and 4.

13. *Freehand Drawing.* (One Major.) A continuation of Course 12, adding pictorial composition and out-door sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are required to read Goodyear, *Renaissance and Modern Art* or some other book on the history of art which shall be approved by the teacher.

Prerequisite, Manual Arts 12.

21. *Lettering.* (One Major.) This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing.

Prerequisite, Manual Arts 12.

*This course will not be given during the year 1905-6.

16. *Machine Drawing and Mechanism.* (One Major.) This course consists in making working sketches and finished drawings from machine parts and from blue prints of machine details. Throughout the course it is the aim to present to the student, as far as possible, the actual problems of the commercial drafting room.

Prerequisite, Manual Arts 1 and 14.

26. *Machine-Tool Work.* (Three Majors.) This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

*22. *Materials of Construction.* (One Major.)

*23. *Electrical Construction.* (Three Majors.) This course supplements the courses in Physics with practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

24. *Steam and the Steam Engine.* (Two Majors.) This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines.

Prerequisites, the same as for course 23.

COLLEGE

15. *Descriptive Geometry.* (Two Majors.) A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces.

Prerequisites, Manual Arts 14 and Mathematics 3.

17. *Machine Design.* (Two Majors.) This course is in two parts: (a) kinematics and (b) machine design proper. The work in kinematics includes a study of instantaneous centers, velocity diagrams, point paths, gears, cams, centroids and analysis of mechanisms. The work in gears consists of the study of cycloidal and involute systems of

*This course will not be given during the year 1905-6.

spur gears, annular gears, bevel gears, and worm and spiral gearing. The work in cams covers edge, groove, and compound cams.

The machine design of this course is a continuation of course 16. It consists of complete sets of drawings of machines designed to meet given practical conditions.

Prerequisites, Manual Arts 15 and 16.

27. *Machine Construction.* (*Three Majors.*) In this course one or more complete machines are made by each class. Special study is made of cost of construction and of the capacity of the tools used. Opportunity is given here to acquire considerable skill and to gain a wide range of machine-shop experience.

Prerequisite, Manual Arts 26.

19. *Drawing from the Antique and Figure Composition.* (*Three Majors.*) This course includes (a) drawing the full human figure and various details from the cast, ending with the draped live model and the human head; (b) a systematic study of artistic anatomy with anatomical drawings; (c) figure composition requiring the illustration of given texts—at first in chiaroscuro, then in color; (d) history of painting by means of pictures, talks and text book—Van Dyke, *History of Painting*.

Prerequisite, Manual Arts 12.

20. *Design.* (*Two Majors.*) This course consists of problems in (a) theory of color, (b) theory of design, and (c) applied design. In connection with applied design, instruction is given in tooled leather work and stained glass work.

Prerequisite, Manual Arts 12 or, for a student pursuing a teacher's course, Manual Arts 3 or equivalent.

31. *Woodworking.* (*Three Majors.*) This is a comprehensive course for prospective teachers of manual training. It includes benchwork, wood-turning and the elements of cabinet-making. Students attend the talks on forestry and lumbering mentioned under Course 1, investigate other technical subjects bearing upon woodworking and then present their findings in the form of written papers and oral reports.

Prerequisites, Manual Arts 1 and 3 or equivalent.

32. *Drawing.* (*Two Majors.*) A course in mechanical and free-hand drawing and constructive design arranged to suit the needs of teachers of manual training. Emphasis is placed on working drawings

and the designing of models for woodworking and metalworking. Students are required to attend the talks on the history of architecture and the decorative arts mentioned in Course 2.

Prerequisites, Manual Arts 1 and 3 or equivalent.

33. *Manual Training for Elementary Schools.* (Two Majors.) The aim of this course is (a) to help students in making a comprehensive study of manual training work for elementary schools, and (b) to teach the essentials of the several handicrafts adapted to children in the first six grades of such schools, under the conditions of the ordinary schoolroom. (The handicrafts belonging to textiles are omitted here because they are given in other courses.)

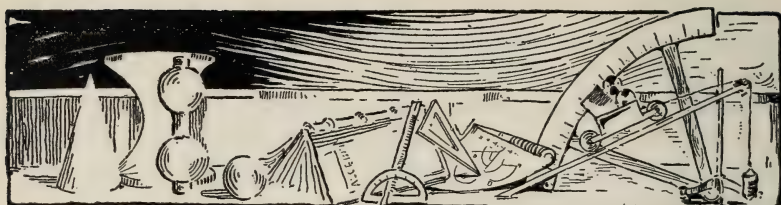
The course includes clay modeling and primitive pottery, paper and cardboard construction, with some of the elements of book-binding, simple metalwork, and woodworking in which but few tools are required. Throughout the course much attention is given to designing the things made and to the relation of the handwork to other school work and out-of-school activities.

Prerequisites, Manual Arts 1 and 3 or equivalent.

34. *Organization of Manual Training.* (One Major.) This course covers (a) development of manual training in the United States, with reference to similar development in foreign countries; (b) organization of manual training in different kinds and grades of schools; (c) principles of psychology applied to manual training; methods of teaching; (d) study of the vital elements in each of the lines of work taught in elementary and secondary schools; (e) study of equipments; planning equipments in detail to meet given conditions; economic and engineering problems arising in planning manual training equipments. Lectures, discussions, reading, written work.

Prerequisites, Manual Arts 1 and 2 or equivalent.





MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by means of concrete experiment and problem. This necessitates a close correlation of mathematics and science by the introduction of physical phenomena into mathematical courses. By actual experiment the student is led to clear and well defined ideas, confidence in methods, and a realization of the meaning of his work. It is sought to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. He is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

In the subject matter of the various courses the usual divisions of mathematics are disregarded; a somewhat free co-ordination of the different branches is pursued whenever it seems desirable.

1. *Algebra (Three Majors)*. This course is the foundation of all subsequent work in mathematics. Algebraic, geometric and physical ideas are introduced by means of actual problems and laboratory experiments. Graphic methods are used at an early stage.

LOWER ACADEMY

2. *Plane Geometry (Three Majors)*. From the very start emphasis is placed upon the original solution of problems and theorems. Rules, compasses, protractors, coordinate-paper, colored pencils and crayons are in constant use in the class room.

A carefully selected series of laboratory experiments has been arranged to develop, illustrate and fix geometrical conceptions by the

actual manipulation of physical bodies. A number of forms of physical apparatus are used in these experiments. Measures are made and reduced by logarithmic tables and slide rules. Tables of sines and tangents are made experimentally and used in the complete solution of the triangle and in other problems.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry (One Major)*. The more essential theorems of the subject are given. Much time is devoted to the construction of models and the solution of actual problems.

Accurate reports on a series of laboratory experiments are required.

Prerequisite, Mathematics 2.

4. *Algebra (One Major)*. A general review. Subjects given in an elementary way in Course 1 are here extended. Points of especial emphasis are algebraic number, form, equivalence of equations, graphic solution of simultaneous equations, determinants.

Prerequisite, Mathematics 3.

5. *Trigonometry (One Major)*. Lengths and areas are found by graphic methods as well as by numerical calculation. A short treatment of spherical trigonometry is given.

Prerequisite, Mathematics 4.

COLLEGE

6. *College Algebra (One Major)*. The differentiation of algebraic functions is introduced as an outgrowth of the theory of limits. The methods of calculus are used wherever found applicable.

Prerequisite, Mathematics 5.

7. *Analytic Geometry (Two Majors)*. Early in the course the principles given are applied to higher plane curves. The methods of calculus are extensively used, especially in the plotting of curves.

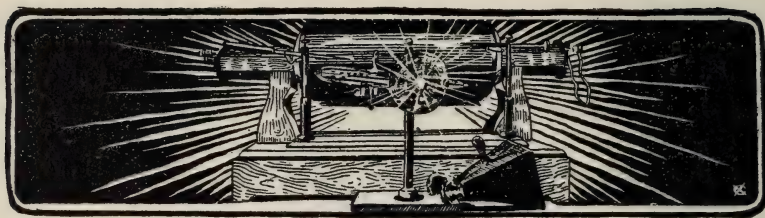
A free use of determinants is made. Special practical problems are given.

Prerequisite, Mathematics 6.

8. *Calculus (Three Majors)*. This course includes Differential and Integral Calculus, with a few weeks given to Differential Equations. Practical applications to physical, chemical and engineering problems are made.

Certain problems bearing upon Physics, Course 3, are treated here.

Prerequisite, Mathematics 7.



PHYSICS

The Department of Physics is thoroughly equipped with modern apparatus suitable for courses in Elementary and Advanced Physics as given in the first and second years of the best Engineering Colleges. The lecture room contains the apparatus for lecture demonstrations, including dark curtains for windows, electric projection lantern, gas, water and electricity. The laboratories have a large amount of apparatus especially adapted for students' use. Here the elementary student comes in contact with the best of modern apparatus, thus obtaining at an early age a correct understanding of physical quantities.

The electrical equipment, including standard ammeters, voltmeters, wattmeters, alternating and direct current, large storage cells, etc., presents an opportunity for advanced work in electrical engineering.

Special laboratories are provided for photometry and photography.

The library of the department is well supplied with the leading reference book, and all new books of importance will be purchased as they appear. The leading scientific and technical periodicals devoted to physics and electrical engineering are received. Advanced students are required to make abstracts of important scientific papers, thus becoming familiar with the scientific subjects of the day.

Students intending to enter other schools may anticipate work in Physics, either in lecture or laboratory work, if they have the required preparation.

LOWER ACADEMY

1. *Physiography.* (One Major.) An elementary course dealing with the motion of the earth and its relation to other bodies, elementary meteorology and climatology, the principal surface features of the earth and the deposits of the ocean. Maps, charts and lantern views

are freely used. In the laboratory and field work a study is made of the forces influential in the development of the earth.

The work in meteorology is aided by the presence on the campus of a station of the United States Weather Bureau. Lectures are given by the official in charge.

Lectures and recitations, three hours per week; field and laboratory work, four hours per week.

4. *Applied Physics. (Three Majors.)* This course, for students in the second year of the Mechanic Arts group, is similar to Course 1, except that more attention is given to practical applications. Laboratory and lectures, ten hours a week.

Prerequisites, Algebra, and the student must be taking or must have had Plane Geometry.

HIGHER ACADEMY

1. *Elementary Physics. (Three Majors.)* This introductory course is required of all students in the third year except those in the Mechanic Arts group. It deals with the fundamental principles of mechanics, sound, magnetism and electricity, heat and light. The historical development and the practical applications to daily life are emphasized.

The class is divided into sections of not more than fifteen for the laboratory work, which consists almost exclusively of quantitative experiments. The earlier and simpler experiments, such as composition and resolution of forces, inclined plane, levers, simple measurement of lengths, areas and volumes, etc., which are usually given in this course are performed in the mathematical laboratory during the work in algebra and geometry. Practically every algebraic expression used in physics forms the basis of a large number of practical problems in algebra. Recitations, laboratory and lectures, seven hours a week.

Prerequisites, Algebra, Plane Geometry and a working knowledge of the trigonometric functions,—sine, cosine and tangent.

Note. Students who have had good text-book work in elementary Physics may complete the laboratory work in the first quarter.

COLLEGE

2 *Advanced Physics. (Three Majors.)* This is a course in advanced Physics in which the subject is treated both experimentally and mathe-

matically. Great attention is paid in this course, both in lectures and laboratory, to the practical applications of the various branches. The work is carried on as in Course 1 except that more delicate instruments are used, and the mathematical side of the subject is more fully developed.

Lectures, three hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1 and Plane Trigonometry.

3. *Theoretical Physics.* (Three Majors.) The subject is treated more from the theoretical side than in Course 2. This course is especially designed for students intending to continue work in engineering schools. The laboratory work is similar to that given in the best engineering schools in the country. Accuracy is required throughout. In the more advanced work the student's attention is directed to the study of possible sources of error. A series of twelve lectures on this subject will be given in connection with the laboratory work.

Lectures, three hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1, Plane Trigonometry, Analytical Geometry, and the student must either have had or be taking Differential and Integral Calculus.

5. *Photography.* This course is intended as a practical course in the subject, including exposing, developing and printing, the making of lantern slides, etc. Laboratory and lectures.

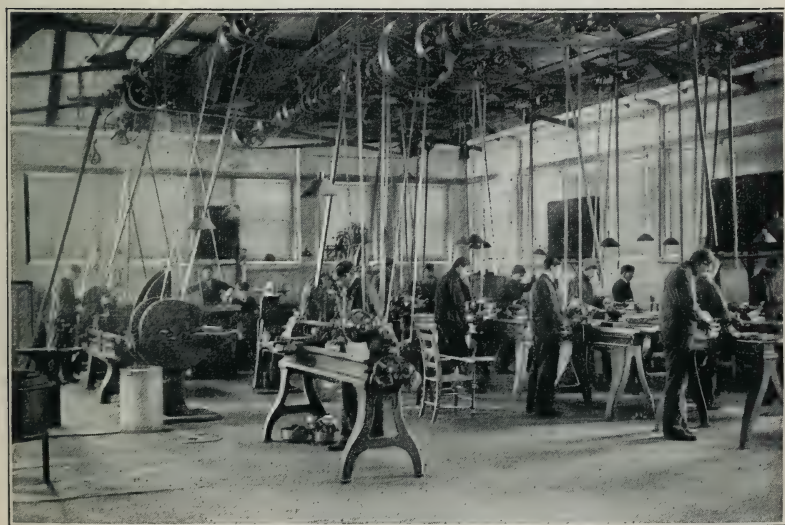
6. *Theoretical Electricity.* (One Major.) A course in the theory of Electricity and Magnetism. Lectures, five hours a week.

7. *Laboratory Practice.* (One Major.) An advanced course in heat and light. Laboratory, ten hours per week.





WOODWORKING ROOM



MACHINE SHOP



A BALL GAME



MECHANICAL DRAWING



NB

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES



NB

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science and Engineering Groups the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

A certificate is given to those who complete the Teachers' Course in Manual Training or Domestic Economy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature groups, a student who enters the Institute from another institution will be required to do the work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES

Tuition. The charges for tuition are as follows: Full work (3 or 4 subjects), \$20.00 per quarter; 2 subjects, \$15.00 per quarter; 1 subject, \$10.00 per quarter. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. No other fees are charged by the Institute. *Necessary text books, instruments and material will be provided by the Institute free of charge.* Fees are payable in advance; students who neglect pay-

ment may be dropped from their classes. Checks should be made payable to Bradley Polytechnic Institute.

In some cases students are allowed to pay part of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits, (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at from \$3.50 per week upward. The Institute will make special effort to secure satisfactory conditions as to boarding and rooming accommodations in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute.

SCHOLARSHIPS

I.—SCHOLARSHIPS IN THE INSTITUTE

(a) *The Institute Grants:*

1. Two scholarships each year to members of the class receiving the Academic Certificate; the scholarships are awarded by the Faculty and are of the value of \$60.00 each, covering tuition in the College for a year. These scholarships are now held by Robert S. Woodward and Louise W. Harte.

2. A scholarship of the value of \$20.00, covering one quarter's tuition, to the winner of the Institute Declamation Contest.

3. Two scholarships each year to the Peoria High School, to be given to the two graduates having the highest rank; each scholarship is of the value of \$60.00, covering one year's tuition in the College. These scholarships are now held by Eleanor Ellis and Willis B. Coale.

4. A scholarship each year to the scholar standing highest among the boys in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1904-5 by Homer C. Couch.

(b) *The Board of Supervisors of Peoria County Gives:*

1. One scholarship in the Institute each year to the scholar standing highest among the girls in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1904-5 by Edna P. Parr.

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO

The University of Chicago grants each year to Bradley Institute, as an affiliated school, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The Scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. They are now held by Iva F. Rockwell and Harry D. Morgan.

CHAPEL AND ASSEMBLY

The daily exercises of the School are opened with a brief chapel service, which all students are expected to attend. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. At frequent intervals the students and teachers in the School of Horology join the School of Arts and Sciences in a general assembly. On these occasions musical programs and addresses by prominent professional and business men on practical topics take the place of the chapel service.

The following persons have assisted in these exercises during the current year:

MR. E. O. SISSON	Address
MRS. F. P. LEWIS.....	Reading
JUDGE W. I. SLEMMONS.....	"The Juvenile Court."
MISS FLOY LITTLE.....	Musical
MISS JESSIE M. KEYS.....	"The Work of the Visiting Nurse."
MR. DEWEY A. SEELEY	"The Weather Bureau."

PARENTS' MEETINGS

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes: 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and the teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 4. To discuss educational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The dates of the Parents' Meetings for 1905-6 will be Thursday, October 26, 1905, and Tuesday, April 3, 1906.

THE BOARD OF ATHLETICS

Athletics are under direct control of a board made up of five members of the Faculty and five Representatives elected from the various divisions of the school. Actions of the Board are of course subject to revision by the Faculty.

The purpose of this Board is to secure the best possible conditions in Athletics, especially to insist upon two points:—that the conduct of all taking part shall be fair and gentlemanly, and that no student shall follow athletics to the detriment of his studies. Under the direction of this Board an athletic field has been fenced off, graded and equipped; baseball and football teams have been organized and maintained, and work in track athletics and tennis well established. Besides the athletic field, which contains a baseball and football field and a quarter-mile track, the Institute maintains for general student use five tennis courts, a basket-ball field and a second baseball diamond.

Special attention is being paid to athletics within the school; to this end a committee on inter-school athletics has been appointed by the Board. This committee encourages and directs all legitimate out-of-door sports by providing equipment for teams and arranging schedules.

MEMBERSHIP OF THE BOARD 1904-1905*

THE DIRECTOR.....	Chairman, <i>ex-officio</i>
F. L. BISHOP, Secretary†.....	} The Faculty of Arts and Science
GEO. C. ASHMAN.....	
L. C. PLANT.....	
T. A. KNOTT.....	
J. A. MINER.....	The Horological Faculty
L. T. DILLON.....	} The Horological School
PAUL J. PALMQUIST.....	
F. G. MOONEY.....	
V. H. DICKSON.....	} The College
GILES KEITHLEY.....	
R. W. WHEELOCK.....	} The Higher Academy
J. T. SULLIVAN.....	
MAURICE MEEKER.....	
EARL L. SMITH.....	} The Lower Academy
E. L. LIDLE.....	
ELIZABETH A. OAKFORD.....	} The Young Women
GRACE M. ANICKER.....	

*Except in the case of the Secretary, bracketed names are those of successive representatives of the same Faculty or division.

†On leave of absence, winter and spring quarters.

MANAGERS FOR 1904-1905

BYRON M. FAST.....	Football
ROSS J. CANTERBERRY.....	Baseball
ROY U. TYSON.....	Track
DON F. WILEY.....	Tennis
RALPH M. WHEELOCK.....	Basket-Ball

COMMITTEE ON INTER-SCHOOL ATHLETICS

LOUIS C. PLANT.....	Chairman
HAROLD W. LYNCH.....	Baseball
ROY U. TYSON.....	Track
DON F. WILEY.....	Tennis
RALPH W. WHEELOCK.....	Basket-Ball
H. BUNN VAN TASSELL.....	Hare and Hound

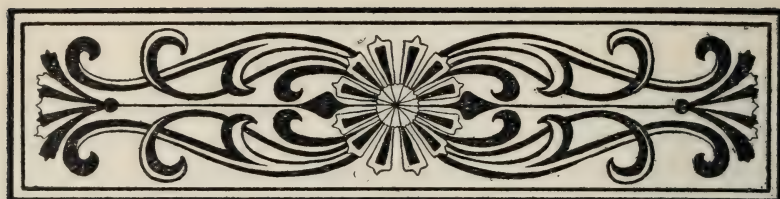
 THE COUNCIL

The Council includes (a) the Director and Deans, who represent the Faculty, (b) six Tribunes, namely, three young men and three young women, who are elected by the young men and women respectively of the College, Higher Academy and Lower Academy for the term of one year. The work of the Council is to consider all matters of common interest to Faculty and students; to make recommendations to the Faculty; and to deal with all matters referred to it by the Faculty. Among other matters which the Faculty has put into the hands of the Council may be noted: the formation of a Literary Society; the social interests of the school; the Tech; the Annual.

TRIBUNES FOR 1904-1905*

<i>College</i> —	{ H. DALE MORGAN	{ EDNA WILSON
	{ J. ORVILLE KENDALL	{ KATHERINE COPES
<i>Higher Academy</i> —	{ RALPH WHEELOCK	{ LINA ULRICH
	{ HERBERT KELLAR	{ HELEN MILLS
<i>Lower Academy</i> —	{ BENJAMIN BEECHER	{ MARGARET HAKES
	{ GORDON KELLAR	{ EDITH LOVE

*Bracketed names are those of successive representatives of the same division.



RE

ORGANIZATIONS

ENGINEERING CLUB



THE purpose of this Club is to stimulate interest in the study of Engineering and Mechanic Arts. By the aid of lectures, conferences and excursions the Club attempts to keep its members informed on the discoveries and inventions of the day. The Club meeting serves as a place for profitable discussion of topics of interest to the student in applied science work.

OFFICERS

President	IRVING N. COLBY
First Vice-President	FRED. S. SIMMS
Second Vice-President	HARRY K. GRIFFIN
Treasurer	GUY R. LANDER
Secretary	CLINTON S. VAN DEUSEN

The work of the Club from October 1, 1904, to May 1, 1905, included the following:

(a) *Lectures, Papers and Conferences—*

Oct. 21.	Rapid Telegraphy.....	FREDERICK L. BISHOP
Nov. 21.	Fire and Police Signaling.....	OSCAR J. SCHIMPF
Dec. 5.	Steam Engineering.....	FREDERICK H. EVANS
Jan. 16.	Engineering Features of the St. Louis Fair—	
	DeForest Wireless Telegraph.....	VICTOR H. DICKSON
	Making Incandescent Lamps.....	FRED. B. BOURLAND
	The Allis-Chalmers Engine and the Bullock Generator	
	.....	HENRY H. COLBY
	Locomotive Testing Plant	JOHN E. ARMSTRONG

- Jan. 30. Irrigation EngineeringRALPH E. FERRIS
 Feb. 13. Instruments Used in Measuring the Base Lines in the
 Geodetic SurveyCLARENCE E. COMSTOCK
 Feb. 27. Formation, Products and Uses of Coal...GEORGE C. ASHMAN
 Mar. 13. The Progress of Inventions.....GRANT HOOD
 Mar. 27. Weather ForecastingDEWEY A. SEELEY

(b) *Excursions to*—1. Peoria Marble Works. 2. Toledo, Peoria & Western Railway Shops. 3. Peoria & Pekin Union Railway Shops. 4. Woolner Distillery. 5. Peoria Cordage Works. 6. Peoria Cooperage Works. 7. Bartholomew Automobile Factory. 8. Peoria Gas Works. 9. Keystone Fence Works.

(c) *Social*—April 7—Campfire in Bradley Hall.

ARTS AND CRAFTS CLUB

The Arts and Crafts Club, as its name signifies, is a society whose purpose is to stimulate interest in art at Bradley Institute, and especially to recognize and encourage artistic handicraft among its members. The Club was organized in November, 1898.

The most important feature of its work is the annual spring exhibition. Here are gathered together the best pieces of art-craft work made by students, alumni and teachers during the year.

OFFICERS

President.....	ROBERT S. WOODWARD
Vice-President	ESTHER SZOLD
Secretary.....	MILDRED S. BALDWIN
Treasurer	KATHERINE COPES
Curator.	ADELAIDE MICKEL

THE HISTORICAL SOCIETY

The Historical Society holds one regular meeting each quarter, and such special meetings as may be deemed advisable. Its purpose is (1) to study local history in its relation to State and National History; (2) to discuss historical topics and current events, especially those

bearing on political, economical and social questions; (3) to review important books and magazine articles.

The topic for study this year has been the early history of Illinois.

OFFICERS

President.....	J. G. COWELL
Vice-President	LINA S. ULRICH
Secretary-Treasurer.....	BERTHA DE CLARK
Chairman Executive Committee	T. A. KNOTT

THE TECH

THE TECH is a monthly paper conducted under the auspices of the Council. The editor-in-chief and business manager, who are elected from the student body by the Council, assume the entire responsibility.

STAFF FOR 1904-1905

FRANK C. BECHT.....	Editor-in-Chief
VICTOR H. DICKSON	Business Manager
FREDERICK B. BOURLAND.....	} Associate Editors
MARILLA E. COOPER.....	
ALICE J. GOSS.....	
RALPH A. LYNCH	Athletics
EDWARD MILLER	Horological

THE POLYSCOPE

THE POLYSCOPE is the annual publication of the students. Like THE TECH it is under the control of the Council. The issue for 1905 contains a history of the school for the year past, records of athletic teams, work of school conventions, and the like. The staff is as follows:

RALPH A. LYNCH.....	Editor-in-Chief
NELLIE R. FARLEY	} Calendar
LOUISE M. MILES... ..	
PHILLIP Z. HORTON.....	Athletics
CLIFFORD E. LIVINGSTON.....	Art
FRANK T. HEYLE.....	Organizations
MILDRED S. BALDWIN.....	Subscriptions
JOHN E. ARMSTRONG.....	Business Manager
EDWARD MILLER	Horological

MUSICAL ORGANIZATIONS

The Chorus gives training in singing and in the interpretation of the best music. The work is voluntary. Membership is open to students and friends of the Institute. The Chorus numbers about eighty voices.

The Chorus and Orchestra gave a concert at Bradley Hall, April 18.

OFFICERS

Director.....	C. T. WYCKOFF
Chairman Executive Committee	C. E. COMSTOCK
Pianist	CLARA ALLEN

The Bradley Symphony Orchestra is under the direction of Mr. Harold Plowe. Membership is open not only to students, but to all who are interested in musical culture. The orchestra has a membership of forty.

The Bradley Male Quartette is composed as follows: F. A. Causey, first tenor; J. E. Lukens, second tenor; W. W. Gorsline, first bass; B. B. Collins, second bass.

A Mandolin Club has been organized during the year. It has about fifteen members. Raymond F. Palmblade acts as leader, and Horace C. Bestor as business manager.

 THE DEBATING CLUB

The Bradley Debating Club was organized March 7, 1904, to give those interested training in debate and public speaking. The number of members is limited to sixteen. Meetings are held fortnightly at which a brief business discussion is followed by a debate. The exercises in honor of Washington's Birthday were conducted by this club.

OFFICERS

President.....	BERYL B. COLLINS
Vice-President	G. J. LAGERGREN
Secretary-Treasurer.....	J. ORVILLE KENDALL
Critic	THOMAS A. KNOTT

THE GIRLS' DEBATING SOCIETY

This society was organized in January, 1905, to promote proficiency in the art of oral expression. The membership is limited to fifteen. Meetings are held every two weeks.

OFFICERS

President.....	LOIS A. WILSON
Vice-President.....	LINA S. ULRICH
Treasurer	MABEL BRISLEY
Secretary	EDITH LEVY

YOUNG MEN'S CHRISTIAN ASSOCIATION

The Association was organized in the spring of 1902 under the direction of Mr. W. W. Dillon, Secretary of the College Associations in Illinois. The work of the Association is carried on under the direction of a committee of management made up as follows: Three members from the Institute Faculty; two members from the Alumni; the General Secretary and President of the Peoria Central Association; the officers of the Institute Association.

The work of the Institute Association for the year just past may be summarized as follows: 1. Organization and maintenance of four Bible classes, each of which has met once each week. 2. Arranging for afternoon and evening gatherings. 3. Publication of a Students' Hand Book. 4. Aid given new students in finding suitable homes. 5. Aid given students in finding employment during vacation. 6. Sending delegates to State Conventions and to the Geneva Students' Conference.

OFFICERS

President	HARRY K. GRIFFIN
Vice-President	RALPH E. FERRIS
Recording Secretary	FRED S. SIMMS
Treasurer.....	J. A. MINER
General Secretary.....	ERNEST C. PYE

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

In February, 1904, a Bible class was formed which later was organized into a Young Women's Christian Association by Miss Broad, the State Secretary of the College Association. The work of the past year has been as follows: 1. The Bible class has been conducted by Miss Russell, Associate Secretary of the City Association. The topic has been "Characters in the Old Testament." 2. A Mission Study Class has been started under direction of Mrs. Wyckoff. 3. A reception was given to the visiting delegates to the State Convention November 4. 4. Delegates have been sent to conventions.

OFFICERS

President.....	EDITH A. HUNTER
Vice-President	GRACE M. ANICKER
Secretary.....	BERTHA R. DE CLARK
Treasurer.....	JESSIE T. HELMBOLD
Social	NELLIE R. FARLEY
Inter-College.....	VERA J. HAYES
Missionary.....	RUBY A. DAVIS

ENGLISH CLUB

The purpose of the English Club is to study and enjoy the works and lives of great and interesting writers. The general subject of the past year has been, "Essayists."

The work was distributed as follows: October 27 and November 17, "Charles Lamb;" December 8 and January 19, "Oliver W. Holmes;" March 2, "A Talk on Walter Pater," by Miss Eleanor Quinn of the High School; March 30, "William Hazlitt;" April 20 and May 11, "John Ruskin."

On February 11, in place of a regular meeting, the Club gave a banquet to a few guests. Responses were made to the following toasts: "Our Club—Its Influence on a Member;" "The Quintessence of Modern Education;" "The Greek Spirit in Literature," and "Imagination as a Force in Literature." A lecture followed, given by Miss Helen Bartlett, on, "An English University."

OFFICERS

President.....	ROBERT S. WOODWARD
Vice-President.....	HERBERT A. KELLER
Secretary.....	LINA S. ULRICH

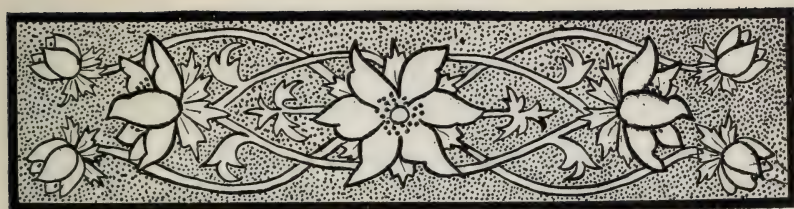
SUMMER SCHOOL

A Summer School of Manual Training was held July 6th to August 9th. Instruction was given by Messrs. Bennett and Raymond, Mrs. Winchip and Miss Mickel of the Institute Faculty, and Mr. Crawshaw of the Franklin School. The courses given were planned with special reference to the needs of teachers. Students were in attendance from sixteen different states. A similar school will be held July 5 to August 9, 1905.

OFFICERS OF THE ALUMNI ASSOCIATION

President	MRS. WILL ANICKER, '01
Vice-President	MAUDE C. OLMSTEAD, '01
Secretary	FRANCIS J. NEEF, '04
Treasurer	DELOSS S. BROWN, '03





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PUBLIC EXERCISES

THE SEVENTH CONVOCATION

PROGRAM

PROCESSIONAL—March from Suite op. 113	<i>Lachner</i>
INVOCATION.....	The Reverend Arthur M. Little
OVERTURE—Le Brasseur de Preston	<i>Adam</i>
THE CONVOCATION ADDRESS — “The Leadership of the General Government in Public Education.”	President Richard H. Jesse, The University of Missouri, Columbia, Missouri.
MUSIC—Cavatine	<i>Raff</i>
THE ANNUAL STATEMENT OF THE DIRECTOR.	
PRESENTATION OF DIPLOMAS.	
RECESSIONAL—March from Carmen.....	<i>Bizet</i>

DIPOMAS, DEGREES AND HONORS

IN THE SCHOOL OF ARTS AND SCIENCES

The Academic Certificate is conferred upon the following students who have completed the work of the Academy:

IN THE SCIENCE GROUP

Katherine E. Copes*

Joseph G. Cowell

Frances E. Dahlberg

IN THE ENGINEERING GROUP

John E. Armstrong*

Frank T. Heyle*

Henry H. Colby

William S. Hough

*Completed Academic work before Spring Quarter.

IN THE CLASSICS GROUP

Donald W. Evans

IN THE LITERATURE GROUP

Edla J. Aylesworth	Helen F. King
Bertha A. Carson	Gustaf P. Lagergren*
Neta G. Edwards*	Elizabeth A. Oakford
Nellie R. Farley	Leroy Smallenberger
Louise W. Harte	Lela M. Wright
Vera J. Hayes	Ethel W. Wright*
Edith A. Hunter	Robert S. Woodward
Florence R. Keene	

WINNERS OF INSTITUTE SCHOLARSHIPS:

Robert S. Woodward	Louise W. Harte
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ALTERNATES:

John E. Armstrong	Lela M. Wright
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The Degree of Associate in Science is conferred upon the following students:

IN THE SCIENCE GROUP

Charles K. Benton	Ralph W. Olmstead
Rolla Evans	Vonna V. Ritchie
William W. Gorsline	Lulu E. Rogers
Harry D. Grigsby	Charles H. Speck
Lillian S. Heckman	

IN THE ENGINEERING GROUP

Ray J. E. Belsley	John H. Bruninga
Joseph W. Paul	

The Degree of Associate in Arts is conferred upon the following students who have completed the Classics Group;

Florence A. Elsbree	Harry D. Morgan
Ida J. Helmbold	Iva F. Rockwell
Simon Mayer	

*Completed Academic Work before Spring Quarter.

The Degree of Associate in Literature is conferred upon the following students who have completed the Literature Groups:

Lois I. Cutright	Josephine A. Stemm
Charles W. Miller	Myra L. Vance
Francis J. Neef	Edna L. Wilson

WINNERS OF UNIVERSITY OF CHICAGO SCHOLARSHIPS

Iva F. Rockwell	Harry D. Morgan
ALTERNATES	
Ida J. Helmbold	Florence A. Elsbree

IN THE HOROLOGICAL DEPARTMENT

GRADUATE IN WATCH WORK, JUNE, 1904

Oscar Borg

GRADUATES IN OPTICS

E. G. Allen	M. Kirkman
O. A. Berget	H. V. Keller
F. L. Babcock	W. T. Lutyen
A. Butcher	H. K. Merritt
W. B. Bartling	R. E. Morris
E. J. Bush	H. Murphy
J. Bullock	A. S. Morgan
C. Bawden	C. G. Noack
Chas. Conboy	E. W. Nickel
R. C. Cotton	L. R. Olmsted
G. E. Cyester	R. Paulson
L. T. Dillon	W. Y. Reed
G. H. Day	O. B. Stapleton
C. L. Dockhorn	C. W. Spawn
Dee Graham	W. S. Schumacher
R. Goodholm	A. E. Shaw
J. J. Gaffner	F. W. Teeter
H. A. Hansen	M. C. Wasson
C. F. Hallfarth	A. E. Wilson
H. P. Henegar	H. J. Woehrle
R. S. Johnson	

FOUNDER'S DAY

EIGHTH ANNUAL OBSERVANCE, SATURDAY, OCTOBER 8, 1904.

Processional—Prelude	<i>Dubois</i>
Invocation.....	THE REV. O. T. DWINELL
Organ Solo—Offertoire in E Flat.....	<i>Lefebure Wely</i>
MISS CLARA L. ALLEN, Institute Organist.	
The Address—"Certain Phases of the Educational Problem".....	
.....	PRESIDENT THOMAS McCLELLAND, of Knox College
Recessional March.....	<i>Batiste</i>

LECTURE COURSE, 1904-5.

MRS. ALICE DYNES FEULING:

"Bread Making" November 18

MISS MARY D. SPALDING:

"Robert Louis Stevenson" December 2

MR. WALES H. PACKARD:

"Bacteria in Daily Life" December 16

EDWIN ERLE SPARKS, A.M., Ph.D., Professor of American History,
University of Chicago; six lectures on "Men Who Made the Nation:"

1. Thomas Jefferson January 6
2. Henry Clay..... January 20
3. Andrew Jackson February 3
4. Daniel Webster February 17
5. Horace Greeley March 3
6. Abraham Lincoln March 17

ATHLETIC BENEFIT

The Comedy "School" was presented at the Grand Opera House, May 6, 1904, under the auspices of the Athletic Board. The preparation of the play was under the personal direction of Mr. Frank T. Wallace, formerly of the Department of Public Speaking, University of Chicago. John E. Armstrong acted as business manager, and music was furnished by the Bradley Orchestra, C. King Benton, Director. The following students composed the cast of characters:

LIST OF STUDENTS

GRADUATE

Gorsline, William W.	Peoria	Tjaden, Hertha	Peoria
Olmstead, Maude C.	Peoria		

COLLEGE

Armstrong, John E.	Peoria	Heyle, Essie M.	Peoria
Bartley, Joseph F.	Peoria	Heyle, Frank T.	Peoria
Becht, Frank C.	Morton	Hill, Mary G.	Peoria
Bourland, Fred B.	Peoria	Hunter, Edith A.	Peoria
Bowman, Henrietta.	Havana	Kanne, Verona E.	Peoria
Brenton, Harriet R.	Peoria	Keithley, Giles.	Peoria
Brisley, Mabel L.	Peoria	Kendall, J. Orville	Peoria
Buckley, Miriam E.	Peoria	Kirkpatrick, Madge I.	Peoria
Camp, Mary I.	Peoria	Lackland, William F.	Cropsey
Cation, Jennie G.	Peoria	Lagergren, Gustaf P.	Morgan Park
Coale, Willis B.	Peoria	Longcroft, Izna.	Berlin, Wis.
Colby, Henry H.	Peoria	Lukens, John E.	Ottumwa, Ia.
Collins, Beryl B.	La Moille	Lyding, Harrison A.	Peoria
Conn, Frances E.	Pekin	Lynch, Ralph A.	Peoria
Cooper, Marilla E.	Peoria	McCoy, Winifred D.	Galesburg
Copes, Katherine.	Green Valley	Mills, Helen S.	Rock Island
Cowell, Joseph G.	Peoria	Misner, Marguerite J.	Peoria
Curtis, John W.	Houston, Tex.	Neill, Louis A.	Peoria
Cutright, Florence A.	Peoria	Oakford, Elizabeth A.	Peoria
Dickson, Victor H.	Peoria	Osborne, Isabel M.	Peoria
Doubet, Mary D.	Peoria	Robinson, Eulalia.	Deer Creek
Edwards, Neta G.	Peoria	Rockwell, Floy E.	Peoria
Ellis, Eleanor.	Peoria	Rutherford, Jessie.	Peoria
Evans, Donald W.	Peoria	Shea, Edna E.	Peoria
Farley, Nellie R.	Peoria	Smallenberger, Leroy C.	Peoria
Fast, Byron M.	Princeville	Smith, Lula B.	Princeville
Fuller, Miles C.	Peoria	Straesser, Sara M.	Peoria
Greves, George.	Peoria	Tinen, Mary E.	Peoria
Hale, Vera H.	Chicago	Tobias, Agnes M.	Peoria
Harris, Joseph W.	Seward	Ulrich, Lina S.	Peoria
Harte, Louise W.	Washington	Williams, Herbert L.	Alta
Hayes, Vera J.	Peoria	Willis, Ethel B.	Peoria
Hayden, Odessa M.	Peoria	Woodward, Robert S.	Peoria
Hazzard, Josephine M.	Peoria	Wright, Lela M.	Peoria
Helmbold, Jessie T.	Peoria		

HIGHER ACADEMY

Alford, Don B.	Peoria	Grant, Martha I.	Peoria
Allen, Clara L.	Peoria	Grant, Sara J.	Peoria
Anicker, Grace M.	Peoria	Griffin, Harry K.	Ancona
Archer, Jessie C.	Peoria	Grimes, Henry H.	Peoria
Baker, Arthur E.	Peoria	Hack, James L.	Peoria
Baldwin, Mildred S.	Peoria	Hakes, Webster H.	Peoria
Bayne, Milton J.	Peoria	Hammer, Raymond F.	Princeville
Beecher, Benjamin S.	Peoria	Hatfield, Ethel G.	Peoria
Benton, Eldredge M.	Peoria	Hayward, James C.	Peoria
Bestor, Horace C.	Peoria	Horton, Phillip Z.	Peoria
Beuttler, William.	Hannibal, Mo.	Jenkins, Roger P.	Peoria
Blair, Alice E.	Peoria	Johnston, Maurice E.	Peoria
Block, Anna C.	Peoria	Kahn, Walter C.	Peoria
Blood, Walter W.	St. Louis, Mo.	Keithley, Olive M.	Peoria
Bohl, Francis J.	Peoria	Kellar, Herbert A.	Peoria
Boniface, Vivian	Peoria	Kingman, Florence N.	Peoria
Brown, Claude E.	Peoria	Kingman, Marion E.	Peoria
Bunn, Laura D.	Peoria	Lander, Guy R.	Knoxville
Campbell, Exie	Peoria	LaRosh, Frank N.	Pekin
Camren, Grace	Peoria	Lash, Raymond.	Henry
Canterbury, Ross J.	Peoria	Lauder, Margaret	Peoria
Clark, Eva F.	Low Point	Levy, Edith	Peoria
Clark, Marie V.	Peoria	Lines, Isabel S.	Peoria
Cleaver, Ivy L.	Peoria	Livingston, Clifford E., Huntington, Ind.	
Cockle, Kathleen	Peoria	Lynch, Harold W.	Peoria
Colby, Irving N.	Granville	McCoy, Nina B.	Farmington
Colby, Jessie M.	Granville	Macdonald, Alexander	Peoria
Collier, Ethel M.	Bartonville	Meeker, Maurice S.	Peoria
Craig, Robert C.	Peoria	Miles, Louise M.	Peoria
Culter, Leonard W.	Peoria	Miller, Frederick F.	Peoria
Curtis, Mrs. Laura M., Houston, Texas		Miller, Mercy J.	Peoria
Davis, Ruby A.	Peoria	Morris, Bessie M.	Peoria
De Clark, Bertha R.	Peoria	Moss, M. Ethelwyn	Peoria
Ditewig, Coral	Peoria	Oakes, Robah S.	Laura
Ebaugh, Flora L.	Peoria	O'Brien, Edna M.	Morton
Faber, Elizabeth M.	Peoria	Patterson, Laura G.	Peoria
Farley, Lawrence B.	Peoria	Pillsbury, Ella C.	Peoria
Ferris, Ralph E.	Lafayette	Pye, Ernest C.	Faribault, Minn.
Fluegel, Theodore J.	Peoria	Radley, Bessie A.	Peoria
Foreman, Ethel.	Peoria	Radley, Olive E.	Peoria
Francis, Stuart W.	Peoria	Rich, Anna I.	Peoria
Frye, Walter R.	Peoria	Schaumleffle, Charles C.	Peoria
Geach, Laura E.	Peoria	Shinkle, Alice G.	Normal
Goss, Alice J.	Peoria	Sickles, Gertrude.	Toulon

Simms, Fred S....	Traverse City, Mich.	Tyson, Roy U.....	Peoria
Slane, Esther M.....	Peoria	Unland, Ernest C.....	Pekin
Smith, Earl L.....	Peoria	VanTassell, Earl W.....	Peoria
Spurck, Robert M.....	Peoria	VanTassell, H. Bunn.....	Peoria
Steckel, Blanche.....	Peoria	Wasson, Dare.....	Waterloo, Iowa
Stevens, Agnes E.	Peoria	Wenke, John F.....	Peoria
Stevens, Ruth A.....	St. Louis, Mo.	Werckle, Frank W.....	Peoria
Stone, Alma M.	Mason City	Wheelock, George R.....	Peoria
Straesser, Clarence W.....	Peoria	Wheelock, Ralph W.....	Peoria
Straesser, Ethelyn M.....	Melvin	Whiting, Alida.....	Peoria
Streibich, Anna A.	Peoria	Whiting, William T. Jr.....	Peoria
Sullivan, Anna M.....	Peoria	Wiley, Don F.....	Peoria
Sullivan, John T.....	Peoria	Wilson, John F.....	Pekin
Swent, James W.....	Peoria	Wilson, Lois A.....	Magnolia
Szold, Esther.....	Peoria	Wood, Ely C.....	Peoria
Taylor, Earl C.....	Peoria	Woodruff, Mary M.	Peoria
Thomas, Carl D....	Peoria	Yutzy, Edward B.....	Peoria
Triebel, Elise.....	Peoria		

LOWER ACADEMY

Allison, Corabel.....	Peoria	Cation, Anna L.....	Peoria
Anderson, Edwin G.	Peoria	Causey, Frederick A.....	Chicago
Apple, Nellie M.....	Peoria	Chalmers, Thomas.....	Peoria
Atwood, Loyal S.....	Peoria	Chipman, James M.....	Peoria
Avery, Clarice C.....	Peoria	Cline, Nellie R.....	Dunlap
Ballance, Nevius V.....	Peoria	Cole, Chauncey A.....	Peoria
Barnes, John T.....	Peoria	Cooper, Ruth L.	Peoria
Bartholomew, Ethel.....	Peoria	Cornelison, Katherine.....	Peoria
Batchelder, Ella L.....	Peoria	Couch, Homer C.	Hanna City
Baumgartner, Grover C.....	Peoria	Crager, John W.....	Pekin
Beecher, Roy O.....	Peoria	Cummings, Mabel V.....	Peoria
Belsley, Olga C.	Peoria	Cumming, Ruby A.	East Peoria
Bibo, Anna C.	Alta	Cushing, Edward A.....	Peoria
Botto, Susanne J.....	Peoria	DeLent, Louise I.....	Peoria
Brickner, Henry E.	Peoria	Dempsey, John H.....	Peoria
Brown, Harry	Gibbonsville, Idaho	Dixon, Ross.....	Peoria
Brown, Hazel J.	Peoria	Donley, Edwin J.....	Peoria
Bunch, Eloise E.....	Peoria	Eckstein, Henry C.	Peoria
Burton, Dorothy L.....	Peoria	Edwards, Edna M.	Edwards
Byron, Lester A.....	Peoria	Ellwood, Beulah J... ..	Peoria
Caldwell, Robert R.....	Morton	Engel, Carl J.	Metamora
Camren, Edna.....	Peoria	Engel, Frank D.....	Eureka
Canterbury, Allen M.....	Peoria	Evans, Mervin E.....	Princeville
Carroll, Thomas A.....	Peoria	Feuling, Ellen M.....	Peoria
Carson, Roy P.	Peoria	Feuling, Leonard B.....	Peoria

Fieselman, Sidney	Peoria	Isom, Marietta H.....	Peoria
Fisher, Eleanor M.....	Peoria	Jackson, Ada B.....	Stark
Fisher, Robert M.....	Peoria	Jobst, Natalia	Peoria
Frederick, Helen E.	Peoria	Johnston, Chas. S.	Vienna
Fritze, Lucius A.	Peoria	Kanne, Marie A.....	Peoria
Furry, Hazel K.....	Peoria	Keithley, Amy	Peoria
Gibson, Anna L.	Peoria	Kellar, G. Gordon	Peoria
Goddard, Winifred E.....	Peoria	Kerr, Edna L.....	Peoria
Gorsline, Ruby G.....	Peoria	Kimmel, Bessie M.....	Peoria
Grant, Fred C.....	Peoria	King, Marie A.....	Peoria
Gray, Ralph W.....	Elmwood	Klotz, Harry J.....	Peoria
Greer, Roscoe D.....	Peoria	Kohl, Anna M.....	Peoria
Hakes, Margaret A.	Peoria	Kuhl, Lora A.....	Peoria
Haller, Marcia	Peoria	Lee, Grace E.....	Peoria
Hammond, Clara	Peoria	Lewis, James C., Jr. ...	Peoria
Harte, Frances E.....	Washington	Lewis, John R.....	Peoria
Hawthorne, Powell A.	Peoria	Lidle, Edwin L.....	Peoria
Hazzard, James D.	Peoria	Lindeberg, Frederick G.....	Peoria
Heckman, Constance C.	Peoria	Lorch, William F.....	Peoria
Heckman, Earl S.....	Peoria	Love, Edith B.	Peoria
Heer, Anna	Peoria	Lyding, Harrison A.....	Peoria
Heidrick, Pearl M.....	Peoria	Malmgren, Edward A.	Canton
Herweg, Marguerite.....	Peoria	Mann, Roberts J.....	Peoria
Herweg, Mildred J.....	Peoria	Maple, Ethel L.	Peoria
Heyle, Allen W.....	Peoria	Marcus, John J,	Peoria
Hicken, Rika M.	Peoria	Mason, Lester R.....	Peoria
Hoelscher, Cora O.....	Peoria	McIntyre, Lela F.....	Tremont
Hoffman, Emma L.	Peoria	Mercer, Ana H.....	Peoria
Holmes, Maurice F.	Mossville	Minton, Marie	Peoria
Holstman, Bertha.....	Peoria	Moore, Mabel M.....	Peoria
Hopps, Grace G.	LaMoille	Morris, Alma L... ..	Peoria
Houghton, Helen L.....	Farmdale	Neff, Elizabeth L	Peoria
Houghton, Herbert H. . .	Farmdale	Nelson, Charles J	Peoria
Houser, Benjamin F.....	Peoria	Oakes, Anna M	Laura
Howard, Geisert A.....	Peoria	Pacey, Charles A.....	Peoria
Howland, Cedric	Peoria	Palmblade, Raymond F	Paxton
Huber, Frank	Peoria	Palmer, Martin H.....	Peoria
Huber, Rudolf	Peoria	Parr, Edna P	Mapleton
Hudson, William H.....	Peoria	Paul, Carl E	Forest City
Hunter, George M.....	Peoria	Pedrick, Richard W.....	Peoria
Hunter, James A.....	Peoria	Peterson, Irving H.....	Peoria
Hutcherson, Ralph A.	Peoria	Pfeiffer, Benjamin S.....	Peoria
Iben, Reinhard	Peoria	Phillips, Aaron P.....	Peoria
Irwin, Joe W.....	Peoria	Plowe, Robert	Peoria
Isele, Chas. J.....	Peoria	Poole, Edwin P.....	Peoria

Poole, Helen I.....	Peoria	Stieber, Edwin H	Peoria
Powers, James C.....	Peoria	Straesser, Grace A.....	Peoria
Rabe, Lillian.....	Peoria	Strehlow, Sanchen G.....	Peoria
Reutter, Christ G	Rankin	Streibich, Lenora A	Peoria
Reynolds, Olive M.....	Peoria	Thieman, Alfred E.....	Peoria
Rhea, Justina.....	Peoria	Thomas, William C	Peoria
Richmond, Marguerite	Peoria	Timothy, Otis L.....	Girard
Robertson, Alberto A....	Farmington	Tjaden, Jennie F.....	Armstrong
Roberts, Lester R.....	Morton	Todd, Alice I	Peoria
Robinson, William E.....	Peoria	Truitt, Henry.....	Chillicothe
Rutherford, Edith.....	Peoria	Ulrich, Julia M.....	Peoria
Saal, Grace.....	Peoria	Usner, Edward L.	Peoria
Saal, Theodore	Peoria	Van Deventer, Lawrence F....	Peoria
Schertz, I. Elizabeth.....	Peoria	Vincent, Lulu	Peoria
Schmitt, Edna I.....	Peoria	Voorhees, Corinne D.....	Peoria
Schueler, Julian L.....	Peoria	Voorhees, Julia H.....	Peoria
Schweitzer, Harry E.....	Peoria	Waddell, William C.....	Peoria
Sengenberger, Ina C	Peoria	Waldron, E. Errol	Peoria
Shank, Hazel E.....	Peoria	Walker, Oliver P., Jr.....	Peoria
Sherwood, Ruth R	Peoria	Wanser, Henry M	Peoria
Sholl, E. Irene	Peoria	Wead, Grace E	Peoria
Short, William L.....	Peoria	Weers, Elmer H.	Peoria
Sieberns, Oscar W.....	Gridley	Wells, Herbert R.	Peoria
Slane, Carl P	Peoria	Willis, Hazel D.....	Peoria
Sloan, Helen B	Peoria	Wilton, James B.....	Peoria
Smith, Arthur T	Peoria		

UNCLASSIFIED.

Pfleeger, Luella S.....	El Paso	Weast, Nora A.	Peoria
Ringel, Minnie E.....	Peoria	Wolgamot, Alberta M.	Peoria

SUMMER SCHOOL.

Armstrong, John E.	Peoria	Curtis, Mrs. Laura M. Houston, Texas	
Bates, Teenie F.....	Pekin	Curtis, John W.	Houston, Texas
Belsley, Ray J. E.....	Peoria	Dietrichson, Paul A, Menomonie, Wis.	
Beman, Lytton S.....	Cleveland, O.	Elson, Frank W., Grand Rapids, Mich.	
Blackburn, Edward S. .	Austin, Texas	Frederick, Mrs. W. D.....	Peoria
Case, Mrs. Harry C.....	Peoria	Fuller, Abbie	Savanna
Clark, Richard F. H.	Peoria	Flansburg, Alda, Colorado Springs, Col.	
Coleman, Alice	Peoria	Garrettson, Walter C., Terre Haute, Ind.	
Cook, Annie L.	Whitewater, Wis.	Goldsmith, Maud	Saginaw, Mich.
Crabbe, Lelia B.	Saginaw, Mich.	Greene, George G. .	Moorhead, Minn.
Crosby, Maryette.....	Green Valley	Hammock, C. S.,... Cedar Falls, Iowa	
Crosby, Fannie L.	Green Valley	Harsch, Mrs. J. H.	Peoria

Hewitt, H. W., Dartmouth, Nova Scotia	Richardson, William L., Toronto, Can.
Heyle, Frank T. Peoria	Rose, Myrtle..... Lanark
Hiatt, A. H. Peoria	Sanger, Leo..... Peoria
Hickey, May..... Peoria	Smith, Oscar F. Savanna
Hill, Charles F. Whitewater, Wis.	Scollen, Maude E. Saginaw, Mich.
Kettle, Joseph Peoria	Seaton, George A. Cleveland, O.
King, Harry L. St. Louis, Mo.	Tefft, Ivan D..... Peoria
Laubach, Merit L. Wilkesbarre, Pa.	Thompson, Mrs. Fleet G. Peoria
Lautz, Ida L. Pekin	Thomas, Lucy A. Edwards
LeVesconte, George, St. Cloud, Minn.	Tuttle, A. Claude, Lakewood, O.
Mansfield, Harold W., Hesperia, Mich.	Vandervort, Charles R. Peoria
Morrison, Katherine. . . Emporia, Kan.	Watson, Mary L., W. Bay City, Mich.
O'Brien, Mollie..... Chicago	Wells, Berta A. Bay City, Mich.
Paul, Joseph W..... Forest City	Wickliffe, Mary F., Greenwood, S. C.
Pickard, Ira C. Holmesville, Ont.	Wright, Mary A..... Springfield
Raley, Sadie M. Ottawa	

SUMMARY OF STUDENTS

	YOUNG MEN	YOUNG WOMEN	TOTAL
Graduate	1	2	3
College	27	42	69
Higher Academy.....	62	61	123
Lower Academy	102	89	191
Unclassified.....	...	4	4
Summer School	29	26	55
	<hr/> 221	<hr/> 224	<hr/> 445
Horological Department (see Horological Catalogue)	93	4	97
	<hr/> 314	<hr/> 228	<hr/> 542
Deduct names counted twice.....			4
			<hr/> 538

RESIDENCE OF STUDENTS

School of Arts and Sciences:

From Peoria.....	322
From Illinois (outside of Peoria)	81
From other States.....	38
	<hr/> 441

Horological Department:

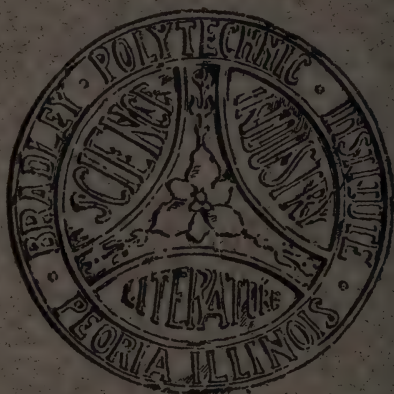
From Peoria.....	2
From Illinois (outside of Peoria)	20
From other States.....	75
	<hr/> 97
	<hr/> 97
	<hr/> 538

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The Horological Department

The Horological Department gives practical instruction in Watchwork, Engraving, Jewelry, and Optics. It is open throughout the year, and students can enter at any time. A catalogue will be sent free upon request.



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PEORIA, ILL.

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Bradley Polytechnic Institute

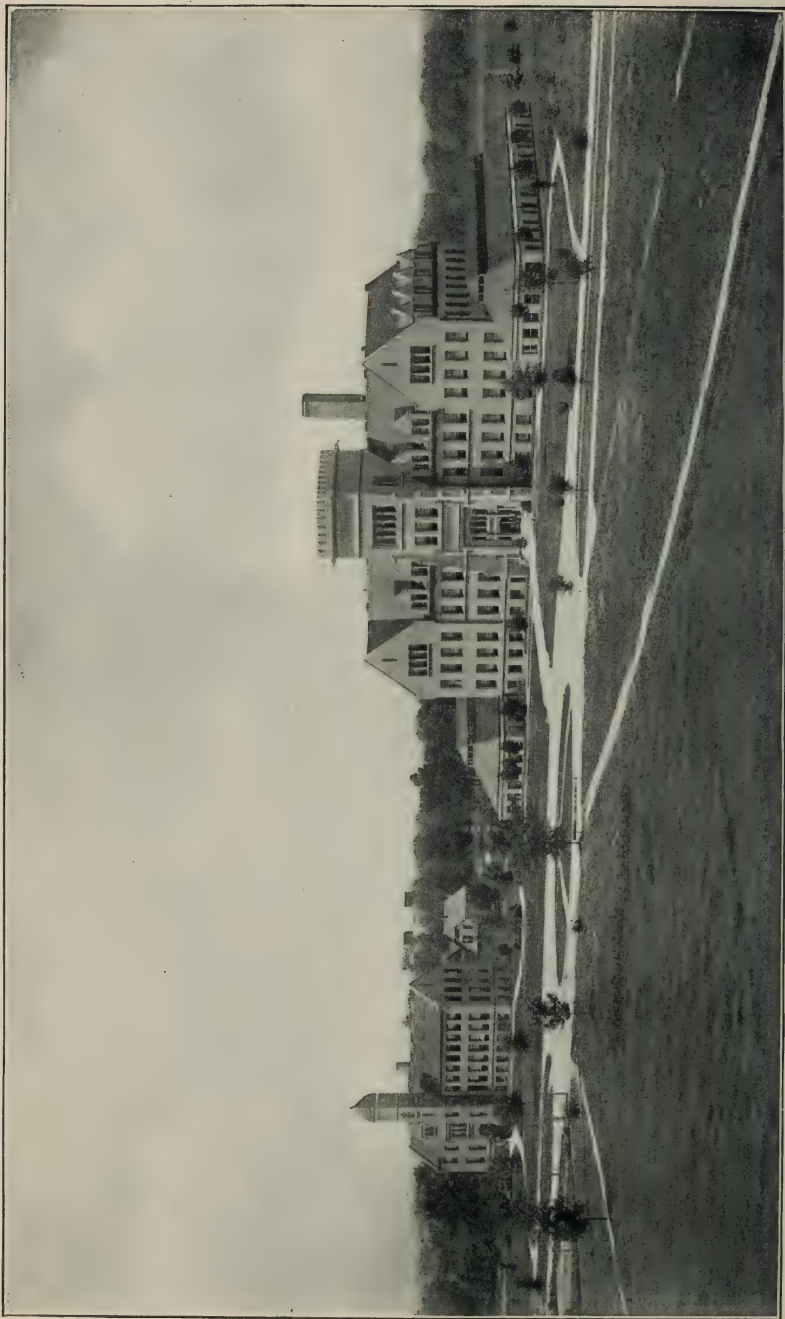
IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO

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The School of Arts and Sciences
Bradley Hall

Register . . 1905-1906
Announcements for 1906-1907

Peoria, Illinois
May, 1906



HOROCLOGY HALL

BRADLEY HALL

Bradley Polytechnic Institute

IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO

The School of Arts and Sciences

BRADLEY HALL

Register 1905-1906
Announcements for 1906-1907

PEORIA, ILLINOIS

MAY, 1906

CALENDAR FOR 1906-1907

September 25.....TuesdayAutumn Quarter Begins
October 8.....MondayFounder's Day
October 25.....ThursdayParents' Meeting
November 9Friday..... Annual Lecture Course Begins
November 29 and 30 Thursday and FridayThanksgiving Holidays
December 21FridayAutumn Quarter Ends

CHRISTMAS VACATION

January 2WednesdayWinter Quarter Begins
January 24.....Thursday..... Day of Prayer for Colleges
February 22FridayWashington's Birthday, a Holiday
March 22FridayWinter Quarter Ends
March 25MondaySpring Quarter Begins
March 28ThursdayParents' Meeting
April 16TuesdayAnnual Spring Concert

APRIL 20 TO APRIL 28, SPRING VACATION

May 30.....Thursday Memorial Day, a Holiday
June 14.....Friday eveningOpen Night
June 19.....Wednesday..... Work of Spring Quarter Ends
June 20Thursday.....Class Day
June 21FridayConvocation Day

HISTORICAL SKETCH

MR. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. To assist in forming their plans they visited together a number of educational institutions, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later Mrs. Bradley took the matter up and formulated her wishes substantially as they are now expressed in the constitution of the Institute. It has been her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the advice of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for building and equipment; she has since largely increased the funds for these purposes.

Work was begun April 10, 1897, upon two buildings, Bradley Hall, devoted to general education, and Horology Hall, where instruction is given in Watchwork, Jewelry, Engraving and Optics. These buildings were occupied in October and November respectively. School work was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall, and this date has been observed annually with appropriate exercises. In 1904 a station of the United States Weather Bureau was established in a building erected by the Government at the north end of the campus.

This catalogue contains the records of the ninth year, and the announcements for the tenth year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY	Peoria
<i>President</i>	
LESLIE D. PUTERBAUGH	Peoria
<i>Vice-President</i>	
HARRY A. HAMMOND	Wyoming
<i>Secretary</i>	
WILLIAM R. HARPER*	The University of Chicago
RUDOLPH PFEIFFER	Peoria
ZEALY M. HOLMES	Mossville
ALBION W. SMALL	The University of Chicago

COMMITTEES

<i>Finance</i>	MESSRS. BAILEY, HAMMOND AND PFEIFFER
<i>Buildings and Grounds</i>	MESSRS. BAILEY, SMALL AND PUTERBAUGH
<i>Faculty, Curriculum and Equipment</i>	MESSRS. HARPER, SMALL AND HOLMES

THEODORE C. BURGESS *Director of the Institute*

*Died January 10th, 1906.

The death of William Rainey Harper, President of the University of Chicago, causes the first change in the original board of trustees. At the founding of the Institute Dr. Harper's counsel had an important influence in shaping its form and character and throughout the years of its history his advice has been of inestimable value. It has been constantly sought and freely given. His frequent presence at the school has been a source of inspiration to both students and faculty. Next to the institution of which he was the immediate head, Bradley Institute feels his loss most deeply.

FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1905-1906

OFFICERS OF ADMINISTRATION

WILLIAM RAINEY HARPER,* Ph.D., LL.D.	<i>President of the Faculty</i>
THEODORE C. BURGESS	{ <i>Director of the Institute.</i> <i>Dean of College and Higher Academy</i>
HELEN BARTLETT	
CHARLES TRUMAN WYCKOFF	<i>Dean of Lower Academy</i>
CLARENCE ELMER COMSTOCK	<i>Recorder</i>
EUGENE CORRIE	<i>Secretary</i>

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B. Hamilton College, 1883; A. M., *ibid.*, 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, The University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek in University of Chicago, Summers, 1900-05; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharpe Manufacturing Co., and Putnam Machine Co., 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training, High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers College, New York City, 1891-7; Editor of *Manual Training Magazine*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

HELEN BARTLETT, Ph.D., *Professor of Modern Languages.*

Student in Berlin, 1882-4 and 1890; Teacher of German, Peoria High School, 1884-9; Assistant Principal, 1887-9; Student Newnham College, University of Cambridge, England, 1889; A. B. Bryn Mawr College, 1892; A. M., 1893; Ph. D. *ibid.*, 1896; Graduate Student in English and German, Bryn Mawr College, 1892-5, and Fellow in English, 1893-4; Holder of the American Fellowship of the Association of Collegiate Alumnae, 1894-5; Instructor in German, Portland Academy, Portland, Oregon, 1896-7; Student at University of Berlin, Spring and Summer, 1905; Assistant Professor of Modern Languages, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B., Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor in English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1891-3; Graduate Student in History and Political Science, The University of Chicago, 1894-96; Fellow *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-04.

CLARENCE ELMER COMSTOCK, A.M., *Assistant Professor of Mathematics.*

A. B., Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-4; A. M., Knox College, 1891; Graduate Student in Mathematics, Johns Hopkins University, 1892-3, 1894-5, and The University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902.

*Died January 10th, 1906.

FREDERIC LENDALL BISHOP, Ph.D., *Assistant Professor of Physics.*

Student, Literature and Language, Boston University, 1894-5; S. B. Massachusetts Institute of Technology, 1898; Graduate Student, *ibid.*, Summer, 1898; Graduate Student in Physics, The University of Chicago, Summer, 1900; Winter and Spring, 1905; Ph. D., *ibid.*, 1905; Associate in Physics, Bradley Institute 1898-1900; Instructor, *ibid.*, 1900-1903.

WALES HARRISON PACKARD, S.B., *Assistant Professor of Biology.*

S. B., Olivet College, 1894; Fellow in Zoology, The University of Chicago, 1895-8; Instructor in Zoology, Marine Biological Laboratory, Woods Holl, Mass., Summers, 1895-99; Research Work, *ibid.*, Summer, 1905; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-04; Instructor in Physiology, University of Chicago, Summer, 1903.

ALICE DYNES FEULING, S.B., *Assissant Professor of Domestic Economy.*

Student State Normal School, Oshkosh, Wis., 1881-5; Teacher Wisconsin Public Schools, 1881-9; Student Cornell University, 1893-5; Principal Morton Park School, Chicago, 1895-7; S. B., University of Chicago, 1900; Teacher of Domestic Science, University of Chicago, Laboratory School, 1900; Head of the Department of Domestic Science, State Agricultural College, South Dakota, 1900-3; Dean of Women, *ibid.*, 1903; Instructor in Home Economics, College of Education, the University of Chicago, Summer Quarter, 1903, 1904; Teacher of Domestic Science, School of Education, *ibid.*, 1903-4.

GEORGE CROMWELL ASHMAN, M.S., *Assistant Professor of Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, *ibid.*, 1895-6; Teacher Physics and Chemistry, Frankfort, Ind., High School, 1896-1901; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901; Graduate Student, The University of Chicago, Summers, 1897-1900; M. S. *ibid.*, 1905; Associate in Chemistry, Bradley Institute, 1901-3, Instructor, *ibid.*, 1903-5.

MARY DOAN SPALDING*, A.B., *Instructor in English.*

Student Cornell University, 1889-91; Teacher in English and Mathematics, Hyde Park Classes for Girls, 1892-3; Teacher of English and Mathematics, Harvard School, Chicago, 1894-6, 1897-9; A. B., University of Chicago, 1896; Graduate Student, *ibid.*, 1895-6, 1899-1900; Teacher of Mathematics and Physics, Dearborn Seminary, Chicago, 1899-1900. Associate in English, Bradley Institute, 1901-3.

MARGARET McLAUGHLIN, A.M., *Instructor in English.*

Student National Normal, Lebanon, Ohio, 1888-1892; A. B., *ibid.*, 1890; L. L. B. by examination before committee of Supreme Court of Ohio, 1892; Instructor in English, National Normal, Lebanon, Ohio, 1896-1901; Lewisville Academy, Lewisville, Texas, 1901-2; Graduate Student, Yale University, 1902-4; University of Chicago, 1904-5; A. M., *ibid.*, 1905.

CLINTON SHELDON VANDEUSEN, M.E., *Instructor in Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-8; Associate in Manual Arts, Bradley Institute, 1898-1904.

LOUIS CLARK PLANT, Ph.M., *Instructor in Mathematics.*

Ph. B., University of Michigan, 1897; Principal of Schools, Olive, Mich., 1889-91; Overisel, Michigan, 1891-3; Graduate Student, The University of Chicago, 1897-8, *ibid.*, Summers, 1899, 1900, 1902, 1905; Ph. M., *ibid.*, 1904; Assistant in Mathematics, Bradley Institute, 1898-1900; Associate, *ibid.*, 1900-4.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy.*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, O.; Worthington Hydraulic Works, New York and Pittsburg Locomotive Works, Pittsburg, Pa. For six years Mechanical Department of Experimental Engineering, Cornell University. Assistant in Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1901-4.

* Absent 1905-6 on account of illness.

SHERMAN CAMPBELL, A.M., *Instructor in Latin and Greek.*

A. B., Harvard, 1899; Instructor in Latin and Greek, Hudson River Institute, 1899-1901; Instructor in Latin and Greek, Norwalk University School, 1901-02; Graduate Student, Yale University, 1901-02; A. M., Harvard University, 1903; Professor of Latin and Greek, South West Kansas College, 1903-1905.

ADELAIDE MICKEL, *Assistant in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student Harvard University, Summer, 1902.

MARY BATES BLOSSOM*, *Assistant in German.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Student, the University of Chicago, Summers, 1903-4.

MARGUERITE CROFOOT, A.B., *Assistant in Latin and Greek.*

Graduate, Bradley Institute, 1900; A. B., The University of Chicago, 1902; Teacher in Public Schools, Peoria, 1902-3.

EDWIN VICTOR LAWRENCE, *Assistant in Drawing.*

Graduate, Massachusetts Normal Art School, 1903; Portrait Class under Joseph De Camp; Student, Boston Art Club; Assistant in Drawing, Chelsea, Mass., 1902-3; Landscape Engineer and Draftsman with W. H. Punchard and Guy Lowell, Boston, 1897-1903, Summers 1904-6.

FREDERICK HUSTON EVANS, B.M.E., *Assistant in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4; with Link Belt Machinery Co., Chicago, Summer, 1905.

EUGENE CORRIE, S.B., *Assistant in Mathematics.*

S. B., McKendree College, 1904; Student Tutor, Political Economy, 1902-4; Physiography, McKendree College, 1903-4; Teacher, Public Schools, Lawrenceville, Ill., 1904; Graduate Student, The University of Chicago, Summer, 1905.

BESS BLACKBURN, *Assistant in Domestic Economy.*

Teacher in Public Schools, Postville, Iowa, 1901-1903; Student in Domestic Economy, Iowa State College, 1903-1905; Graduate, *ibid.*, 1905.

JULIA PRESTON BOURLAND,

Graduate, Bradley Institute, 1903; A. B., Smith College, 1905.

DOROTHY DUNCAN, A.B., *Assistant in German.*

A. B., University of Chicago, 1904; Student at The University of Berlin, 1904-5.

EMILY H. GREENMAN, A.B., *Assistant in French and Latin.*

A. B., Northwestern University, 1904; Assistant in French, Northwestern University, 1903-4; Graduate Student, Northwestern University, 1904-5.

GERTRUDE KING TRASK, A.B., *Assistant in Domestic Economy.*

A. B., Knox College, 1903; Student Simmons College, 1903-4; Teacher of Domestic Science, St. Mary's School, Knoxville, Ill., 1904-5.

VICTOR J. WEST, Ph.B., *Assistant in English and History.*

Graduate Bradley Institute, 1903; Ph. B., University of Chicago, 1905.

PAUL P. BROOKS, *Assistant in Physics.*

Student, University of Chicago, 1902-5.

DEWEY ALSDORF SEELEY, B.S., *Lecturer in Meteorology.*

B. S., Michigan Agricultural College, 1898; Assistant Observer, U. S. Weather Bureau, Lansing, Mich., 1898; Albany, N. Y., 1898-9; Philadelphia, Pa., 1899-1900; Chicago, Ill., 1900-03, and First Assistant, Chicago, Ill., 1903-05; Observer U. S. Weather Bureau, Peoria, Ill., 1905.

* In Paris on leave of absence.

STUDENT ASSISTANTS

GROVER C. BAUMGARTNER, *Mathematics*

IRVING N. COLBY, *Metalworking*

JOSEPH G. COWELL, *English*

ELEANOR ELLIS, *English*

BYRON M. FAST, *Metalworking*

JANET GRANT, *Drawing*

GEORGE GREVES, *Chemistry*

JOSEPH W. HARRIS,* *Chemistry*

GUY R. LAUDER, *Woodworking*

HELEN S. MILLS,** *Chemistry*

FRED. S. SIMMS, *Physics*

OTHER OFFICERS

J. L. CADWALLADER, *Cashier*

JOSEPHINE O. CLINE, *Stenographer*

S. D. LYMAN, *Superintendent of Buildings and Grounds*

HOMER M. BOTTS, *Engineer*

*Winter and Spring Quarters.

**Fall Quarter.



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

ADMISSION

Entrance.—Graduates of the eighth grade of the Peoria public schools, of the graded schools of Peoria County, and such other grammar schools as the Institute may approve, will be admitted to the first year of the Lower Academy without examination. Such students should present a diploma or certificate of graduation. Other applicants must present a statement of work done, signed by the Principal, and pass an examination in *Arithmetic, English Grammar and Composition, Geography, American History*. A solid foundation in *Arithmetic* and *English* is especially desirable. Examinations for entrance to the first year will be held on any Saturday in July or September, in Bradley Hall, provided application is made by letter to the Institute beforehand.

Admission to Advanced Standing.—Graduates and students who have done work in high schools, academies and colleges, will be admitted on presentation of a certificate of the kind, amount, and grade of work completed by the applicant, together with the titles of textbooks used and time spent upon each subject. A blank form for this statement will be furnished to school officials and prospective students upon application to the Director. Upon the basis of this statement, the student will be assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, the credits from his former school will be accepted in so far as they cover the work of the Institute.

Admission to the College.—Graduates of the Peoria High School and other schools of equal grade may be admitted to the College in the Science, Literature and Classics groups upon the plan of entrance requirements in force at the University of Chicago.

Admission of Unclassified Students.—Students of mature age who for sufficient reasons do not wish to pursue a regular course, may be admitted without examination or certificate. They are known as unclassified students.

References.—Every student will be required to furnish the names of two or more persons to whom the Institute may apply for information concerning the student.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.

CURRICULUM

THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Trade or Technical Work. (2) Advanced Study in a College, University, or School of Engineering. (3) Professional Study in Law or Medicine.

Divisions: The six years of study are divided into three two-year periods, as follows:

The Lower Academy (First and Second Years).

The Higher Academy (Third and Fourth Years).

The College (Fifth and Sixth Years).

1.—*Lower Academy, corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is the same in all groups with the exception of the Mechanic Arts, where earlier specialization is necessary.

2.—*Higher Academy, corresponding to the last two years of a High School Course.* When the Student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—*College, corresponding (according to the group) to the Freshman and Sophomore years in a College, University, or Engineering School.* In the College the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading colleges and universities, such as Vassar, Wellesley, Smith, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mount Holyoke, Cornell, Wisconsin, Michigan, Chicago and other universities of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group, where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. SCIENCE GROUP, which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. ENGINEERING GROUP, which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. CLASSICS GROUP, which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. LITERATURE GROUP, which is especially strong in Modern Languages and Latin. It prepares students for the third year of college courses leading to the degree of Ph. B. or B. L.

5. MECHANIC ARTS GROUP, which is designed to meet the demand for training that fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. Owing to the fact that

this group is specialized from the beginning, applicants for admission to it may be required to present the written permission of their parents. When desired, this line of work may be continued under direction of the Faculty two years longer, thus making it a six-year group.

Combination Group.—Literature-Science. Students may take the Literature Group in the Higher Academy and the Science Group in the College and receive the same degree as that granted students who have completed the Scientific Group.

TEACHERS' COURSES IN MANUAL TRAINING AND DOMESTIC ECONOMY

I. A COURSE PREPARATORY TO TEACHING MANUAL TRAINING

Requirements for admission:

(a) *Four Years of Approved Academic Work.*

This Academic work should include English, Mathematics, Foreign Language, Science and History. It should also include, if possible, work in (a) Freehand Drawing, and (b) Woodwork and Mechanical Drawing.

Those who fail to present (a) and (b) may supply this lack by taking courses in the summer school (July 2-Aug. 4), or these and any other Academic subjects lacking may be taken in the regular classes of the Institute.

(b) *Collegiate Study*, covering a period of at least one year.

Teaching experience may be accepted in individual cases as partial or complete substitute for this collegiate study.

A certificate will be given those who present these requirements and also complete the following:

1. Organization of Manual Training 34 (*One Major*).*
2. Manual Training for Elementary Schools 33 (*Two Majors*).
3. Woodworking 31 (*Three or Two Majors*).
4. Metalworking 2 (*Two Majors*).
5. Drawing 32 (*Two Majors*).
6. Design 20 (*One Major*).
7. Textiles, Domestic Economy 13 (*One Major*).

Candidates who have already taken considerable work in Drawing may substitute Framing and Wood-turning 5, Pattern-making 6, and

*A major means twelve weeks' work with five recitations a week.

Cabinet-making 7 (*Three Majors in all*), for Drawing 32 (*Two Majors*), and Woodworking 31 (*One Major*). (The numbers after courses are those of Department Statements.)

In special cases the following substitutions will be allowed:

Machine Tool Work 26 for Design 20, or for Manual training for Elementary Schools 33.

Freehand Drawing 12 for Design 20, and Textiles 13.

Freehand Drawing 13 or Drawing from the Antique and Figure Composition 19 instead of parts of Woodworking 1 and Metalworking 2.

Sewing 7 and Dressmaking 8 instead of Metalworking 2.

This group is especially well suited to those who have already proved their ability to teach other subjects and are now desirous of fitting themselves to teach Manual Training. To those already engaged in teaching that subject it offers new points of view and advanced study. Many students will find it advantageous to spend two years in this group instead of one. This will enable them to broaden their preparation for teaching by adding several elective courses not named above, and in some cases it will be possible to secure both the Manual Training certificate and a diploma of the Institute.

II. A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four Years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong laboratory courses in each, and if possible Drawing, should be included in the high school course. Any high school subjects which are lacking may be taken at the Institute. This, of course, would mean that a longer time would be needed to complete the work required for a certificate. College graduates who have had some technical training may complete the course in one year.

A certificate is granted to all who present the requirements for admission and complete the following:

1. Cooking 4 (*Three Majors*).
2. Design, Manual Arts 20 (*One Major*).
3. Plain Sewing 7 (*Two Majors*).
4. Textiles 13 (*One Major*).
5. Sanitation 6 (*One Major*).

6. Home Decoration and Art Needlework 10 (*One Major*).
7. Chemistry of Foods, Chemistry 3c (*One Major*).
8. Food and Dietetics 5 (*Two Majors*).
9. Human Physiology, Biology 4 (*Two Majors*)
10. Bacteriology, Biology 5 (*One Major*).
11. Household Administration 11 (*One Major*).
12. Dressmaking 8 (*One Major*).
13. Emergencies, Home Nursing and Invalid Cooking 12 (*One Major*).
14. Teaching of Domestic Economy 14 (*One Major*).

(The numbers after the courses are those of Department Statements).

Those who present four years of Academic work including Physics and Chemistry should be able to secure the certificate in two years. During these two years 24 majors should be completed; the 19 required majors are specified above, leaving 5 majors for elective work which should be preferably in subjects outside of Science or Domestic Economy. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the certificate in a shorter time.

Those who have completed the Science, Literature or Classics Groups at the Institute may secure the certificate by one year's additional work.

PROGRAM OF STUDIES

Manual Training	AUTUMN	WINTER	SPRING
	Organization of Manual Training 2	Organization of Manual Training 2	Organization of Manual Training 1
	Manual Training for Elementary Schools 3	Manual Training for Elementary Schools 3	Manual Training for Elementary Schools 4
	Drawing	Drawing	Drawing
	Woodworking	Woodworking	Woodworking
Domestic Economy	Design	Design	Textiles
	FIRST YEAR		
	Plain Sewing	Plain Sewing	Dress-making
	Cooking	Cooking	Cooking
	Biology	Biology	Bacteriology
	Elective	Elective	Chemistry of Foods
	SECOND YEAR		
	Food and Dietetics	Food and Dietetics	Sanitation
	Design	Household Administration	Textiles
	Emergencies	Home Decoration	Teaching Domestic Economy
	Elective	Elective	Elective

PROGRAM OF STUDIES BY QUARTERS

NOTE—Figures denote the number of periods a week devoted to each subject; when no figure is given, five recitations a week are indicated. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS*

FIRST YEAR		
AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
Latin	Latin	Latin
Physiography	English	Botany
Woodworking	Woodworking	Woodworking
or Sewing,	or Sewing,	or Sewing,
and Drawing	and Drawing	and Drawing

SECOND YEAR		
AUTUMN	WINTER	SPRING
Geometry 4	Geometry	Geometry
Latin	Latin	Latin 1
English 1	English 1	English
Zoology or German †	Zoology or German † 4	Civics or German †
Metalworking	Metalworking	Metalworking 4
or Sewing,	or Sewing,	or Sewing,
and Drawing	and Drawing	and Drawing

MECHANIC ARTS GROUP ‡

FIRST YEAR		
AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
Physiography	English	Civics
Drawing	Drawing	Drawing
Woodworking	Woodworking	Woodworking
Metalworking	Metalworking	Metalworking

SECOND YEAR		
AUTUMN	WINTER	SPRING
Geometry 4	Geometry	Geometry
English 1	English 1	English
Physics	Physics	Physics
Mechanical Drawing	Architectural Drawing 4	Pattern-making
Framing	Pattern-making	or Cabinet-making

* Statements about these groups may be found on page 11, 1, 2, 3, 4.

† This option is only for those requiring three years German for college entrance.

‡ Statement about this group may be found on page 11, 5.

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)

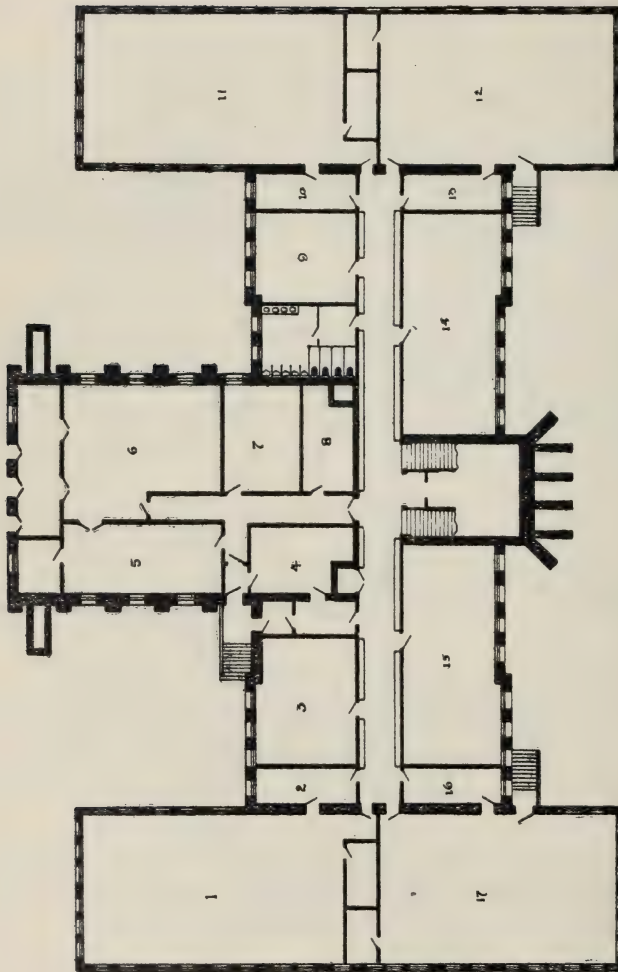
	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics Modern Language <i>or</i> Latin English <i>or</i> History of Greece Drawing	Physics Modern Language <i>or</i> Latin History of Greece <i>or</i> English Drawing	Physics Modern Language <i>or</i> Latin English Solid Geometry	Chemistry English History of Rome Shop <i>or</i> Cooking	Chemistry Modern Language <i>or</i> Latin Algebra Shop <i>or</i> Cooking	Chemistry Modern Language <i>or</i> Latin Trigonometry Shop <i>or</i> Cooking
Engineering	Physics Modern Language English <i>or</i> History of Greece Framing	Physics Modern Language History of Greece <i>or</i> English Pattern-making	Physics Modern Language English Solid Geometry	Chemistry English History of Rome Freehand Drawing	Chemistry Modern Language Algebra Freehand Drawing	Chemistry Modern Language Trigonometry Lettering
Classics	Latin Greek Physics English <i>or</i> History of Greece	Latin Greek Physics History of Greece <i>or</i> English	Latin Greek Physics Solid Geometry	English Greek History of Rome Shop <i>or</i> Cooking	Latin Greek Algebra Shop <i>or</i> Cooking	Latin Greek English Shop <i>or</i> Cooking
Literature	Latin Modern Language Physics English <i>or</i> History of Greece	Latin Modern Language Physics History of Greece <i>or</i> English	Latin Modern Language Physics Solid Geometry	English Modern Language History of Rome Shop <i>or</i> Cooking	Latin Modern Language Algebra Shop <i>or</i> Cooking	Latin Modern Language English Shop <i>or</i> Cooking
Mechanic Arts	Solid Geometry Chemistry Freehand Drawing Foundry	Algebra Chemistry Freehand Drawing Forging	Trigonometry Chemistry Lettering Forging	Electrical Construction Machine Tool Work Materials of Construction Machine Drawing	Electrical Construction <i>or</i> Machine Construction Steam English Machine Drawing	Electrical Construction <i>or</i> Machine Construction Steam English Machine Drawing

PROGRAM BY QUARTERS—CONTINUED
COLLEGE (BY GROUPS)

FIFTH YEAR			SIXTH YEAR			Science
AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING	
Modern Language Physiology College Algebra Drawing or Cooking	Modern Language Physiology Analytic Geometry Drawing or Dietary Studies	Modern Language Bacteriology and Hygiene Advanced U. S. History Drawing or Sanitation	Biology or Chemistry or Physics or Mathematics English Elective	Biology or Chemistry or Physics or Mathematics Medieval History Elective	Biology or Chemistry or Physics or Mathematics Modern History English	
Modern Language English College Algebra Mechanical Drawing	Modern Language Medieval History Analytic Geometry Descriptive Geometry	Modern Language Advanced U. S. History Analytic Geometry Descriptive Geometry	Modern Language or Chemistry Physics Calculus Machine Drawing	Modern Language or Chemistry Physics Calculus Machine Drawing	Modern Language or Chemistry Physics Calculus or Machine Drawing English	
Modern Language Greek Biology or Chemistry or Physics	Modern Language Greek Biology or Chemistry or Physics	Modern Language Greek Trigonometry*	English Latin College Algebra Drawing or Cooking	Medieval History Latin English Drawing or Dietary Studies	Modern History Latin Advanced U. S. History Drawing or Sanitation	
Modern Language Latin Biology or Chemistry or Physics	Modern Language Latin Biology or Chemistry or Physics	Modern Language Latin Trigonometry*	English Modern Language College Algebra Drawing or Cooking	Medieval History Modern Language English Drawing or Dietary Studies	Modern History Advanced U. S. History English Drawing or Sanitation	Literature

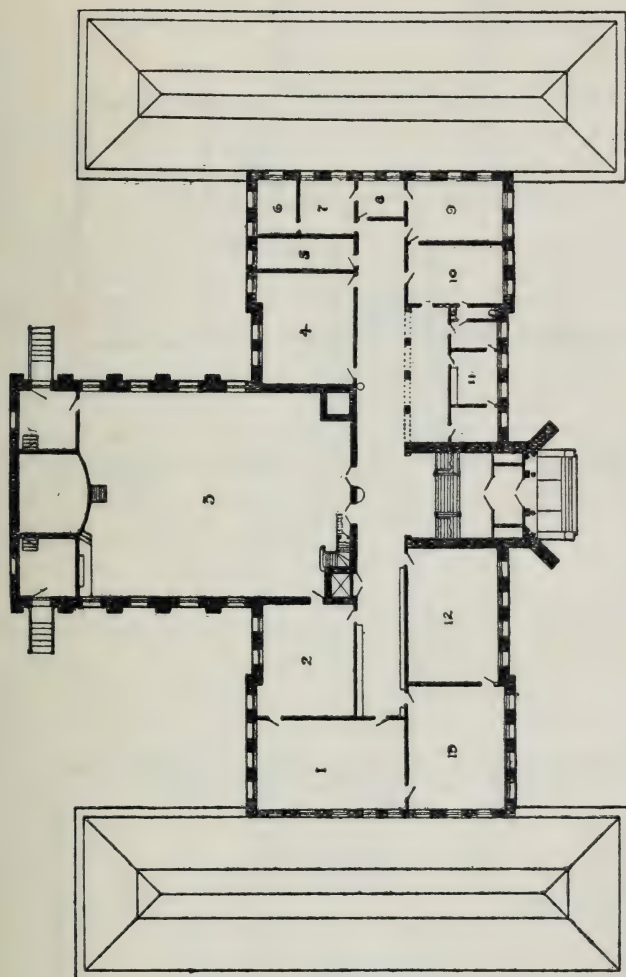
The program of Studies for the Teachers' Courses in Manual Training and Domestic Economy may be found on page 14.

*Young women taking *Food Work* may substitute *Food Analysis* for Trigonometry in this quarter and must then substitute *Trigonometry* for *College Algebra* in the sixth year.



BASEMENT PLAN

- | | | | |
|----|------------------------|----|-------------------------------|
| 1 | Pattern Shop | 12 | Metalworking Room |
| 2 | Moulding Room | 13 | Office, Dept. of Manual Arts. |
| 3 | Physics Lecture Room | 14 | Chemistry Laboratory |
| 4 | Store Room | 15 | Physics Laboratory |
| 5 | Engine Room | 16 | Wash Room |
| 6 | Boiler Room | 17 | Woodworking Room |
| 7 | Lumber Room | | |
| 8 | Chemical Store Room | | |
| 9 | Chemistry Lecture Room | | |
| 10 | Wash Room | | |
| 11 | Machine Shop | | |



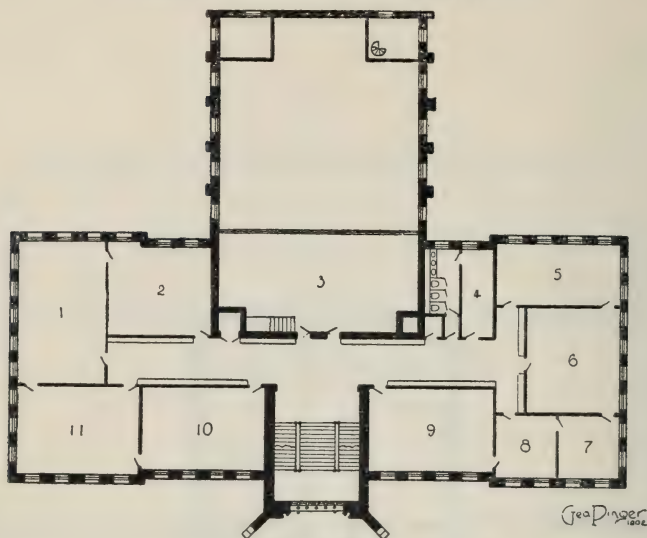
FIRST FLOOR

- 10 Reception Room
- 11 General Office
- 12 Latin
- 13 Latin and History

- 5 Book Room
- 6 Office, Dean of Lower Academy
- 8 Office of the Recorder
- 9 Office of the Director

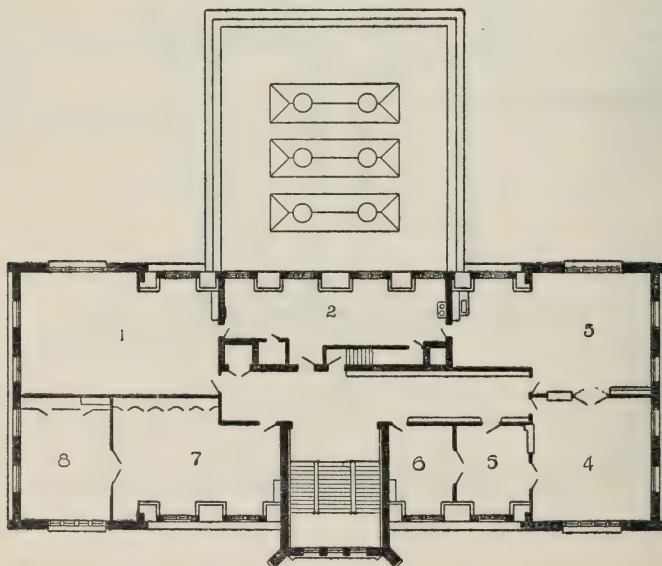
- 1 History
- 2 Library
- 3 Chapel
- 4 English

BRADLEY POLYTECHNIC INSTITUTE



SECOND FLOOR

- | | | |
|---------------------|---------------------------|----------------|
| 1 Biology | 5 French and Mathematics | 8 Waiting Room |
| 2 Mathematics | 6 Greek | 9 German |
| 3 Gallery of Chapel | 7 Office of Dean of Women | 10 Mathematics |
| | 11 Museum | |



THIRD FLOOR

- | | | |
|-----------------------|------------------------|----------------------------|
| 1 Lunch Room | 4 Lecture Room | 6 Office, Domestic Economy |
| 2 Kitchen | 5 Practice Dining Room | 7-8 Sewing |
| 3 Cooking Laboratory. | | |

DEPARTMENTS

BIOLOGY

THIS department aims to present, in so far as limited time permits, both the practical and the important theoretical sides of Biology. It makes especial effort to give good training to students preparing to enter the study of medicine.

The laboratories are equipped with dissecting and compound microscopes, microtomes, glassware, aquaria and other instruments and supplies needed for Biological work. For the Physiological and Bacteriological work in the College, there are duplicate sets of the Harvard physiological apparatus, kymographs, a spring myograph, Mosso's ergograph, electric centrifuge, considerable apparatus for the study of circulation and respiration, apparatus for the study of the blood and urine, a Reichert polariscope for the study of sugar, steam and hot air sterilizers, incubator, models of the eye, ear, etc., and a full line of supports and re-agents. For Zoology there is a good collection of Leuchart's charts, prepared skeletons of the representative groups and a considerable collection of demonstration material, including a collection of shells and corals presented to the Institute by several gentlemen of Peoria, a collection of insects from the University of Illinois, and all mounted birds, mammals and other biological collections of the Peoria Scientific Association. For botany, the laboratory has a herbarium presented by Miss Heading, of Peoria, and all other demonstration material and apparatus needed for the course given. The laboratory also has an electric stereopticon with microscopic attachment and a growing collection of slides.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the more representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological experiments performed by the students. The compound microscope is used for demonstration, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observation and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week.

COLLEGE

3. *General Biology (Two Majors)*. Typical forms of animals and plants studied with reference to their anatomy and physiology, the design of the course being a study of their structure and function rather than their systematic position. It is aimed to give the student a broad conception of the general principles of Biology including a discussion of such problems as heredity, variation and adaptation. The concluding lectures deal with the theory of organic evolution. Introductory work with the compound microscope, including the technic of slide preparation. Lectures and laboratory, ten hours a week.

4. *Human Physiology (Two Majors)*. The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general students as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science.

Prerequisite, Elementary Chemistry. Lectures and laboratory, ten hours a week.

5. *Bacteriology (One Major)*. The general methods of Bacteriology with sanitary and industrial applications. The general biology of bacteria and cultivation and systematic study of the common non-pathogenic and a few pathogenic organisms and their effects. Hygienic aspects of Bacteriology, testing of disinfectants, bacteriological examination of water, air, soil, milk, etc. Discussion of the problems of Water Supply and Public Health. Lectures and laboratory, ten hours a week.

6. *Comparative Anatomy (One Major)*. A careful dissection of representative types and a study of the comparative anatomy of the vertebrates. Lectures, demonstration and laboratory, ten hours a week.

7. *Histology and Cytology (One Major)*. A study of the cell and elementary tissues followed by a thorough study of the visceral organs. Lectures and laboratory, ten hours a week.

8. *Embryology (One Major)*. A study of the various forms of egg cleavage, the embryo formation in the frog, and a thorough study of the embryology of the chick. Lectures and laboratory, ten hours a week.

Courses 6, 7 and 8 are designed especially for students preparing for medicine, and constitute a year of pre-medical work.

CHEMISTRY

The aim of the department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in every day life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to

enable the student to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The laboratory has also complete equipment for electrolytic analysis, analysis of water, gas analysis, analysis of iron and steel, and assaying.

HIGHER ACADEMY

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements and compounds, oxygen, hydrogen, water, chlorine and hydrochloric acid. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of the non-metallic elements, atomic theory, valence, solution, and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be able to identify any simple salt and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week.

During the Spring quarter a series of twelve demonstration lectures on the chemistry of foods is given to those students who are taking this course and Cooking 4.

Prerequisite. Physics 1 or its equivalent.

COLLEGE

2. *Qualitative Analysis (Two Majors)*. (a) Study of solutions, product of solubility, mass action, analysis of mixtures. The lectures deal with the theoretical basis of analytical chemistry. Ten hours a week.

(b) Analysis of complex mixtures, ores, methods of assaying. Ten hours a week.

(c) *Elementary Quantitative Analysis (One Major)*. Methods in gravimetric and volumetric determinations. Collateral reading. Ten hours a week.

Prerequisite, Chemistry 1.

3. *Qualitative Analysis (Two Majors)*. (a) Study of solutions, product of solubility, mass action, analysis of mixtures, The theoretical basis of analytical chemistry. Ten hours a week.

(c) *Chemistry of Foods (One Major)*. Lectures and laboratory work in the preparation of pure chemical substances, introducing some quantitative methods. Food analysis, special reference to adulterants. Ten hours a week.

Prerequisite, Chemistry 1.

DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in domestic economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of domestic economy.

LOWER ACADEMY

1. *Sewing (Two Majors)*. Book and models covering the full course in hand sewing, consisting in basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing of garments.

4. *Cooking (Three Majors)*. This course aims to teach the fundamental principles of cooking together with lessons in the selection and relative values of food materials found in the local markets. Laboratory work in cooking in small and large quantities.

COLLEGE

5. *Food and Dietetics (Two Majors)*. The principles of diet, the relation of food to health, study of dietaries for school children, adults and old people, making of standard dietaries at specified cost, special problems in the preparation of those dietaries in the most economical manner. Lectures, recitations and laboratory work.

6. *Sanitation (One Major)*. Study of home sanitation with discussions of situations, soil and drainage of land, observation and study of buildings, construction, ventilation, heating, lighting and plumbing. Lectures, recitations, field work and laboratory work.

Prerequisite, Chemistry 1.

PRIMARILY FOR TEACHERS

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of under garments, a shirt waist and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. A complete course in scientific cooking including the principles involved in the preparation of the various classes of foods, a study of cook books, U. S. government bulletins and reference books, lessons in marketing and serving, laboratory work in cooking in small and large quantities.

Prerequisite, Chemistry 1.

10. *Home Decoration and Art Needlework (One Major)*. Evolution of the house and the homes of primitive peoples, the application of color in home decoration, study of materials in home furnishing and their values from the aesthetic and utilitarian standpoints. Lectures, laboratory and assigned readings.

Prerequisite, Manual Arts 20.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, service, home industries, special problems assigned. Lectures, recitations and assigned readings.

Prerequisite, Domestic Economy 6 and 9.

12. *Emergencies, Home Nursing and Invalid Cooking (One Major)*. What to do in cases of emergencies, as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

Prerequisite, Domestic Economy 9.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The laboratory work includes spinning, weaving, dyeing and basketry. A variety of materials is used, special stress being laid upon local materials. Lectures, readings, laboratory and field work.

Prerequisite, Manual Arts 20.

14. *Teaching of Domestic Economy (One Major)*. The teaching of the various branches of Domestic Economy in elementary and high schools, correlation with other studies in the curriculum. Planning courses of study for specific schools. Lectures, recitations and assigned readings.

Prerequisite, Domestic Economy 7-13.

ENGLISH

The work of the Department of English has four general aims: 1—Power to speak and write well. 2—An intelligent love of good literature. 3—A knowledge of the laws which govern expression of thought by words. 4—Familiarity with the chief facts of the history of the English language and literature.

To accomplish the first of these ends, effort is made to improve the everyday spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of the best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and to avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the History of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the

very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

1. (a) *Study of Masterpieces*: "The Lady of the Lake;" Gayley and Flaherty's "Poetry of the People;" "Last of the Mohicans;" "Julius Caesar."

(b) *Composition*: Short narratives and descriptions; special attention to spelling, punctuation, and sentence structure. (*One Major.*)

2. (a) *Study of Masterpieces*: "The Merchant of Venice;" "The Ancient Mariner;" "The Vicar of Wakefield;" Irving's "Oliver Goldsmith;" "The Vision of Sir Launfal."

(b) *Composition*: More advanced work along the same line as in Course 1 (b), with additional attention to correct and effective use of words. (*One Major.*)

Prerequisite, Course 1.

In addition to Course 2, second year students take English one hour per week for two quarters. This consists of a review of such grammatical principles as are particularly essential for later work in language.

HIGHER ACADEMY

3. (a) *Study of Masterpieces*: "Macbeth," "Idylls of the King;" "Ivanhoe;" Selections from the lyrics in Pancoast's "Standard English Poems."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly. (*One Major.*)

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration with introductory study and practice in exposition; themes twice a week. Study of "Speech on Conciliation with America," selections from Sir Roger de Coverley Papers, and Macaulay's Essays on Johnson and Addison, with special attention, in connection with the theme work, to rhetorical elements. (*One Major.*)

Prerequisite, Course 3.

5. *Study of Masterpieces.* "The Tempest;" "L'Allegro," and "Il Penseroso;" "Paradise Lost," Books I and II; Macaulay's Essays on Milton, selected poems of Burns; Carlyle's "Essay on Burns;". "The Princess;" "Silas Marner." Special attention is given in the history of literature to the periods of Shakespere and Milton. (*One Major.*)

Prerequisite, Course 3.

COLLEGE

6. *Rhetoric and Composition:* A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition, and argument. Themes required weekly. (*One Major.*)

Prerequisite, Courses 4 and 5.

7. *English Literature:* Introductory study of the history of the English language and literature; with accompanying study of selected poetry and prose. (*One Major.*)

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition.* Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style. (*One Major.*)

Prerequisite, Course 6.

GERMAN AND FRENCH

I. GERMAN

The aim of Courses 1 and 2 is the acquisition of a large vocabulary and of such knowledge of the structure of the language as will enable the student to translate at sight German of moderate difficulty. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode, and the simpler idioms. Frequent practice in conversation and in translation from English into German familiarizes the pupil with ordinary colloquial German. Courses 3 and 4 extend the student's acquaintance with the best modern German prose as well as with the literary movements of the eighteenth century. Course 2 (b) is especially adapted to those who desire facility in translating prose, so that they may refer directly to the works of modern German scientists.

HIGHER ACADEMY OR COLLEGE

1. *German Grammar*; Seeligmann, *Altes und Neues*; Leander, *Träumereien*; Storm, *Immensee*. Translation at sight is introduced as early as practicable. (*Three Majors.*)

2. (a) Thomas, *Practical German Grammar*, Part I; Bernhardt, *German Composition*. The texts read are the following or equivalents: Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Heyse, *L'Arrabbiata*; Benedix, *Einer muss heiraten*. Sight translation of simple prose, colloquial practice.

(b) Dippold, *Science Reader*. (*Three Majors.*)

COLLEGE

3. (a) Thomas, *German Grammar*, selections from Part II; Jagemann, *German Syntax, Prose Composition*.

(b) The texts read are the following or equivalents: Rosegger, *Waldheimat*; Freytag, *Karl der Grosse*; Sudermann, *Frau Sorge*; Goethe, *Iphigenie*. Sight translation; reproduction of narrative prose, oral and written; much colloquial practice. (*Three Majors.*)

4. Critical reading of representative works of Lessing, Goethe and Schiller; such as, Goethe, *Hermann und Dorothea* (private reading), *Egmont*, selections from *Dichtung und Wahrheit*; Lessing, *Emilia Galotti*, *Nathan der Weise*; or Schiller, *Maria Stuart*, *Wallenstein*, selections from *Der dreissigjährige Krieg*. Lyrics and ballads. A careful study of the above authors, together with themes in German on subjects suggested by the course. Colloquial practice. (*Two Majors.*)

II. FRENCH

In the first year of this course, special stress is laid upon the principles of grammar and composition, Reading of easy prose, frequent dictation, memorizing French, and practice in conversation aid the student in understanding both written and spoken French.

In the second year, the study of the grammar is continued together with more advanced composition. The reading includes some of the works of modern authors as well as some of the classic dramas of the seventeenth century. Rapid sight reading, conversational practice, dictation, and memorizing French form an important part of the course.

HIGHER ACADEMY OR COLLEGE

1. Frazer and Squair, *French Grammar*; François and Giroud, *Easy French*; François, *French Prose Composition*, Part I; *La Main Malheureuse*. (*Three Majors*.)

2. Fraser and Squair, *French Grammar*; Bouvet, *Syntax and Composition*; François, *French Composition*, Part II. The texts read are the following or equivalents; Erckmann-Chatrian, *Le Conscrit de 1813*; Augier, *Le Gendre de M. Poirier*; Malot, *Sans Famille*; Daudet, *La Belle Nivernaise*; Maupassant, *Huit Contes Choisis*; Molière, *Le Bourgeois Gentilhomme*; Sandeau, *Mlle. de la Seglière*. (*Three Majors*.)

HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

1 and 2. *Civil Government*. (*One Major*.) An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

This course is given to students of the Mechanic Arts group in the first year, and is designated History 1; to students of other groups in the second year and is designated History 2.

HIGHER ACADEMY

3. *Greek History*. (*One Major*.)

4. *Roman History*. (*One Major*.)

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history, Causes leading to the transition to the mediæval age.

COLLEGE

5. *The Mediæval Period*. (*One Major*.) The Franco-Roman Reorganization of Europe. Feudalism. The conflict between the Empire

and the Papacy. The development of national states. The reflex influence of the Crusades on Europe. The Renaissance.

Prerequisite, Course 4.

6. *The Modern Period.* (One Major.) The Reformation and age of Religious Wars. Europe under Bourbon and Hapsburg. The rise of Prussia and Russia. The Expansion of England. The French Revolution and Napoleonic Era. Europe after 1815.

Prerequisite, Course 5.

7. *Topics in the Constitutional History of the United States.* (One Major.) This course supplements Course 2, and gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Prerequisite, Course 2.

Note: A valuable collection of public documents affords special facilities for the work of this course.

LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; *Cæsar, Gallic War*; *Eutropius, Roman History*; *Nepos, Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the College a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin, however, still forms the substantial part of the work. Close attention



COOKING LABORATORY



SEWING ROOM



A CLASS IN VERGIL



A CLASS IN GEOMETRY

is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses, translation at sight will form a part of the work. Each student will be encouraged to do work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons.* (*Three Majors.*)
2. *Cæsar and Prose Composition.* (*Two Majors.*)

HIGHER ACADEMY

3. *Vergil.* (*Three Majors.*)
4. *Cicero, Orations; Prose Composition.* (*Two Majors.*)

COLLEGE

5. (a) *Cicero, De Senectute; Terence, Phormio.* (*One Major.*)
(b) *Livy, Book I or XXI.* (*One Major.*)
(c) *Horace, Odes.* (*One Major.*)

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

II. GREEK.

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Special attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompanies the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected Department library.

HIGHER ACADEMY

1. *Elementary Greek (Two Majors)*. Xenophon, *Anabasis*, Book I; Prose Composition. (*One Major*.)

2. (a) Xenophon, *Anabasis*, Books II and III, and Book IV, or selections from Xenophon, *Helenica (Two Majors.)* Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books. (*One Major*.)

COLLEGE

3. (a) Plato, *Apology* and *Crito*. (*One Major*.)

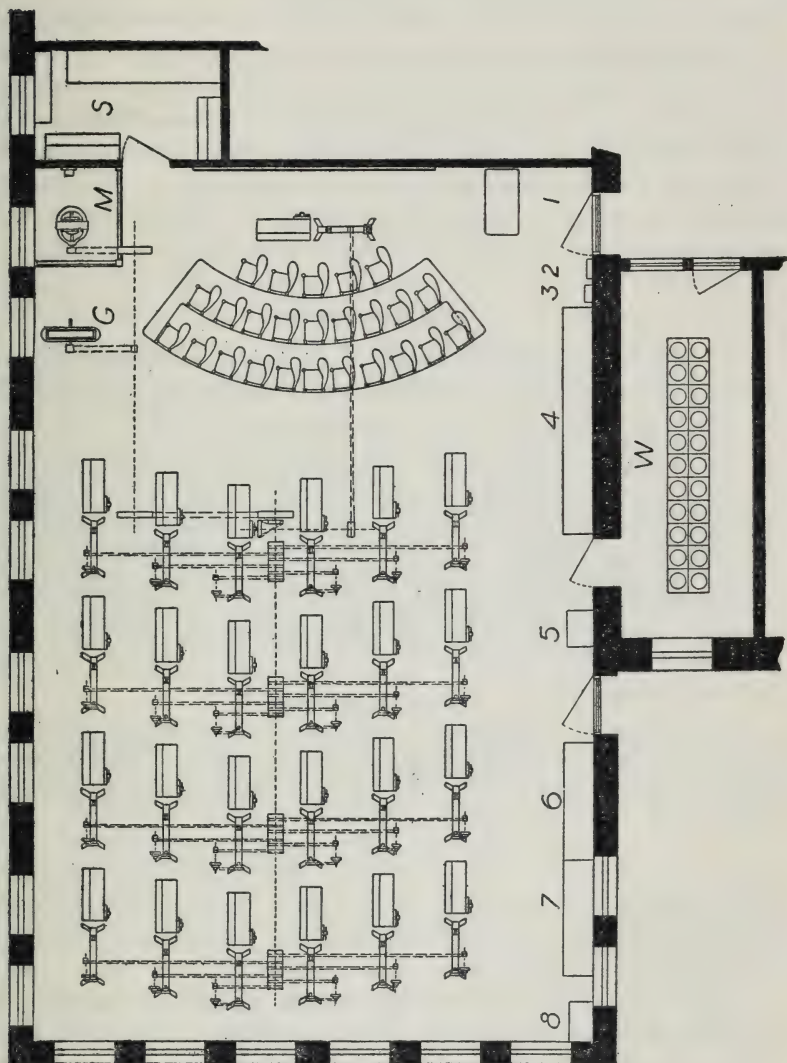
(b) Homer, about 12 books of the *Odyssey*. (*One Major*.)

(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alcestris* or *Medea*; Sophocles, *Antigone*. (*One Major*.)

Exercises in writing Greek, and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).

MANUAL ARTS

This department gives (a) instruction in manual training and drawing to boys of the Lower Academy; (b) instruction in drawing to girls of the Lower Academy; (c) advanced courses in drawing, painting and designing to students in the Higher Academy and College; (d) courses in shop work, drawing and engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) courses in shopwork and drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who



WOODWORKING ROOM

- | | | | |
|---|----------------|---|------------------------------|
| W | Wash Room | 3 | Switch Board |
| S | Storeroom | 4 | Case for Unfinished Work |
| M | Electric Motor | 5 | Case for Carving Tools |
| G | Grindstone | 6 | Bench for Gluing |
| 1 | Teacher's Desk | 7 | Finishing Bench |
| 2 | Key Board | 8 | Case for Finishing Materials |

are working toward a degree in engineering; (f) normal training to both men and women who wish to teach manual training and drawing.

In each of the courses offered, especially in the Academy, the aim is not only to give pupils an opportunity to acquire power to work intelligently, but also ability to appreciate what has been done by others. This involves a study of the masterpieces of the past in art and engineering and a study of the best works of the present day. In some form this idea has influence in every course, whether it be freehand drawing, metalworking, cabinet-making, or machine drawing.

LOWER ACADEMY

1. *Woodworking and Drawing. (Three Majors.)* This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy.

During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. After the first few pieces pupils are allowed considerable liberty in the choice of the objects they make. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning. During a part of the year weekly illustrated talks are given on forestry, lumbering, kinds of wood, methods of sawing, seasoning and marketing lumber.

In drawing, the elements of mechanical drawing are given, with emphasis at first in the direction of working drawings; later the theory of projection is taken up, also the study of developments of geometric solids.

2. *Metalworking and Drawing. (Three Majors.)* The general plan of this course is similar to Course 1. It is a manual training course in cold-metal working and is required of boys in the second year of the Lower Academy.

This course consists of a large number of fundamental processes in cold-metal working. Among them are chipping, filing, fitting, polishing, bending, beating, drilling, riveting, soldering, turning and spinning. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, copper trays and lanterns, tin funnels and dishes, and a great variety of other objects in

copper and black iron. Students are encouraged to work from their own designs.

The drawing in this course is largely freehand and closely related to the shopwork. It includes a study of color. Designs for many of the shop problems originate in the drawing room.

A series of illustrated talks on the history of architecture and the decorative arts is given in connection with this course.

3 *Freehand Drawing. (One Major.)* A course in pictorial and decorative drawing required of girls in the first years of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added, and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing. (One Major.)* This course is required of girls in the second year of the Lower Academy. The first quarter is given to mechanical drawing. The second and third quarters are devoted to practical work in design. This involves the drawing of ornament, the study of color combinations and the laying on of flat tints, with water colors. Students in this course attend the talks on the history of architecture and the decorative arts mentioned under Course 2.

HIGHER ACADEMY

5. *Framing and Wood-turning. (One Major.)* A course in house and bridge framing, including the construction of the most important joints. An advanced course in wood-turning is given at the close of the work in framing, preparatory to pattern-making.

Prerequisite, Manual Arts 1.

6. *Pattern-Making. (Two Majors.)* The first half of this course covers the fundamental principles and processes of pattern-making, together with enough foundry work to demonstrate principles of pattern-making. During the second half the class makes complete sets of patterns for machines to be constructed by students in the class in machine construction.

Prerequisite, Manual Arts 1 and 5.

7. *Cabinet-Making. (One Major.)* This course in cabinet-making and wood-finishing may be taken in place of the second half of Course 6. It consists in designing and constructing pieces of wooden furni-

ture, having as their leading characteristics simplicity, stability and pleasing proportions.

Prerequisites, Manual Arts 1 and 5.

* 9. *Foundry Practice.* (One Major.)

*10. *Forging.* (Two Majors.)

14. *Mechanical Drawing.* (One Major.) This course is intended to give a thorough grounding in orthographic projection, developments and intersections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing Machine Drawing or descriptive Geometry, which follows.

Prerequisite, Manual Arts 1.

18. *Architectural Drawing.* (One Major.) This course consists in making floor plans, elevations and details of summer cottages and suburban houses. The requirements of the modern home are considered from the standpoints of health, convenience and culture, and buildings are then designed to meet definite practical conditions. Students consult published plans and plans loaned by local architects.

Prerequisite, Manual Arts 14,

12. *Freehand Drawing.* (Two Majors.) (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink and water color. (b) One hour a week is spent in sketching from life. (c) Lectures on freehand perspective. For home work in connection with this course pupils are required to read Tarbell, *History of Greek Art* and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2, or 3 and 4.

13. *Freehand Drawing.* (One Major.) A continuation of course 12, adding pictorial composition and out-door sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are required to read Goodyear, *Renaissance and Modern Art* or some other book on the history of art which shall be approved by the teacher.

Prerequisite, Manual Arts 12.

21. *Lettering.* (One Major.) This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing.

Prerequisite, Manual Arts 12.

*This course will not be given during the year 1906-7.

16. *Machine Drawing and Mechanism.* (One Major.) This course consists in making working sketches and finished drawings from machine parts and from blue prints of machine details. Throughout the course it is the aim to present to the student, as far as possible, the actual problems of the commercial drafting room.

Prerequisite, Manual Arts 1 and 14.

26. *Machine-Tool Work.* (Three Majors) This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

*22. *Materials of Construction.* (One Major.)

23. *Electrical Construction.* (Three Majors.) This course supplements the courses in Physics with practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

*24. *Steam and the Steam Engine.* (Two Majors.) This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines.

Prerequisites, the same as for course 23.

COLLEGE

15. *Descriptive Geometry.* (Two Majors) A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces.

Prerequisites, Manual Arts 15 and Mathematics 3.

17. *Machine Design.* (Two Majors.) This course is in two parts: (a) kinematics and (b) machine design proper. The work in kinematics includes a study of instantaneous centers, velocity diagrams, point paths, gears, cams, centroids and analysis of mechanisms. The work in gears consists of the study of cycloidal and involute systems of

*This course will not be given during the year 1906-7.

spur gears, annular gears, bevel gears, and worm and spiral gearing. The work in cams covers edge, groove, and compound cams.

The machine design of this course is a continuation of course 16. It consists of complete sets of drawings of machines designed to meet given practical conditions.

Prerequisites, Manual Arts 15 and 16.

27. *Machine Construction.* (*Three Majors.*) In this course one or more complete machines are made by each class. Special study is made of cost of construction and of the capacity of the tools used. Opportunity is given here to acquire considerable skill and to gain a wide range of machine-shop experience.

Prerequisite, Manual Arts 26.

19. *Drawing from the Antique and Figure Composition.* (*Three Majors.*) This course includes (a) drawing the full human figure and various details from the cast, ending with the draped live model and the human head; (b) a systematic study of artistic anatomy with anatomical drawings; (c) figure composition requiring the illustration of given texts—at first in chiaroscuro, then in color; (d) history of painting by means of pictures, talks and text book—Van Dyke, *History of Painting*.

Prerequisite, Manual Arts 12.

20. *Design.* (*Two Majors.*) This course consists of problems in (a) theory of color, (b) theory of design, and (c) applied design. In connection with applied design, instruction is given in tooled leather work and stained glass work.

Prerequisite, Manual Arts 12 or, for a student pursuing a teacher's course, Manual Arts 3 or equivalent.

31. *Woodworking.* (*Three Majors.*) This is a comprehensive course for prospective teachers of manual training. It includes bench-work, wood-turning and the elements of cabinet-making and wood-carving. Students attend the talks on forestry and lumbering mentioned under Course 1, investigate other technical subjects bearing upon woodworking and then present their findings in the form of written papers and oral reports.

Prerequisites, Manual Arts 1 and 3 or equivalent.

32. *Drawing.* (*Two Majors.*) A course in mechanical drawing and constructive design arranged to suit the needs of teachers of manual training. Emphasis is placed on working drawings, lettering,

and the designing of models for woodworking and metalworking. Students are required to attend the talks on the history of architecture and the decorative arts mentioned in Course 2.

Prerequisite, Manual Arts 1 and 3 or equivalent.

33. *Manual Training for Elementary Schools.* (Two Majors.) The aim of this course is (a) to help students in making a comprehensive study of manual training work for elementary schools, and (b) to teach the essentials of the several handicrafts adapted to children in the first six grades of such schools, under the conditions of the ordinary schoolroom. (The handicrafts belonging to textiles are omitted here because they are given in other courses.)

The course includes clay modeling and primitive pottery, paper and cardboard construction, with some of the elements of book-binding, simple metalwork, and woodworking in which but few tools are required. Throughout the course much attention is given to designing the things made and to the relation of the handwork to other school work and out-of-school activities.

34. *Organization of Manual Training.* (One Major.) This course covers (a) development of manual training in the United States, with reference to similar development in foreign countries; (b) organization of manual training in different kinds and grades of schools; (c) principles of psychology applied to manual training; methods of teaching; (d) study of the vital elements in each of the lines of work taught in elementary and secondary schools; (e) study of equipments; planning equipments in detail to meet given conditions; economic and engineering problems arising in planning manual training equipments. Lectures, discussions, reading, written work, and a thesis at the end of the course.

Prerequisites, Manual Arts 1 and 2 or equivalent.

MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by means of concrete experiment and problem. This necessitates a close correlation of mathematics and science by the introduction of physical

phenomena into mathematical courses. By actual experiment the student is led to clear and well defined ideas, confidence in methods, and a realization of the meaning of his work; at the same time it is not forgotten that mathematics is a great science itself. It is sought to lead the student to some appreciation of the nature and the scope of the realm of mathematical thought, and to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. He is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

In the subject matter of the various courses the usual divisions of mathematics are disregarded; a somewhat free co-ordination of the different branches is pursued whenever it seems desirable.

LOWER ACADEMY.

1. *Algebra. (Three Majors.)* This course is the foundation of all subsequent work in mathematics. Algebraic, geometric and physical ideas are introduced by means of actual problems and laboratory experiments. Graphic methods are used at an early stage.

2. *Plane Geometry (Three Majors)* Emphasis is placed upon the original solution of problems and theorems. Rules, compasses, protractors, coordinate-paper, colored pencils and crayons are in constant use in the class room.

A carefully selected series of laboratory experiments has been arranged to develop, illustrate and geometrical conceptions by the actual manipulation of physical bodies. A number of forms of physical apparatus are used in these experiments. Measures are made and reduced by logarithmic tables and slide rules. Tables of sines and tangents are made experimentally and used in the complete solution of the triangle and in other problems.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry (One Major)*. The more essential theorems of the subject are given. Much time is devoted to the construction of models and the solution of actual problems.

Accurate reports on a series of laboratory experiments are required.

Prerequisite, Mathematics 2.

4. *Algebra (One Major)*. A general review. Subjects given in an elementary way in Course 1 are here extended. Points of especial emphasis are algebraic number, form, equivalence of equations, graphs, solution of simultaneous equations, determinants.

Prerequisite, Mathematics 3.

5. *Trigonometry (One Major)*. Lengths and areas are found by graphic methods as well as by numerical calculation. A short treatment of spherical trigonometry is given. Field work with transit.

Prerequisite, Mathematics 4.

COLLEGE

6. *College Algebra (One Major)*. The differentiation of algebraic functions is introduced as an outgrowth of the theory of limits. The methods of calculus are used wherever found applicable.

Prerequisite, Mathematics 5.

7. *Analytic Geometry (Two Majors)*. Early in the course the principles given are applied to higher plane curves. The methods of calculus are extensively used, especially in the plotting of curves.

A free use of determinants is made. Special practical problems are given.

Prerequisite, Mathematics 6.

8. *Calculus (Three Majors)*. This course includes Differential and Integral Calculus, with a few weeks given to Differential Equations. Practical applications to physical, chemical and engineering problems are made.

Certain problems bearing upon Physics, Course 3, are treated here.

Prerequisite, Mathematics 7.

PHYSICS

The Department of Physics is thoroughly equipped with modern apparatus suitable for courses in Elementary and Advanced Physics as given in the first and second years of the best Engineering Colleges. The lecture room contains the apparatus for lecture demonstrations,

including dark curtains for windows, electric projection lantern, gas, water, and electricity. The laboratories have a large amount of apparatus especially adapted for students' use. Here the elementary student comes in contact with the best of modern apparatus, thus obtaining at an early age a correct understanding of physical quantities.

The electrical equipment, including standard ammeters, voltmeters, wattmeters, alternating and direct current, large storage cells, etc., presents an opportunity for advanced work in electrical engineering.

Special laboratories are provided for photometry and photography.

The library of the department is well supplied with the leading reference books, and all new books of importance will be purchased as they appear. The leading scientific and technical periodicals devoted to physics and electrical engineering are received. Advanced students are required to make abstracts of important scientific papers, thus becoming familiar with the scientific subjects of the day.

Students intending to enter other schools may anticipate work in Physics, either in lecture or laboratory work, if they have the required preparation.

LOWER ACADEMY

1. *Physiography.* (*One Major.*) An elementary course dealing with the motion of the earth and its relation to other bodies, elementary meteorology and climatology, the principal surface features of the earth and the deposits of the ocean. Maps, charts and lantern views are freely used. In the laboratory and field work a study is made of the forces influential in the development of the earth.

The work in meteorology is aided by the presence on the campus of a station of the United States Weather Bureau. Lectures are given by the official in charge.

Lectures and recitations, three hours per week; field and laboratory work, four hours per week.

HIGHER ACADEMY

1. *Elementary Physics.* (*Three Majors.*) This introductory course is required of all students in the third year. It deals with the fundamental principles of mechanics, sound, magnetism and electricity, heat, and light. The historical development and the practical applications to daily life are emphasized.

The class is divided into sections of not more than fifteen for the laboratory work, which consists almost exclusively of quantitative exper-

iments. The earlier and simpler experiments, such as composition and resolution of forces, inclined plane, levers, simple measurement of lengths, areas and volumes, etc., which are usually given in this course are performed in the mathematical laboratory during the work in algebra and geometry. Practically every algebraic expression used in physics forms the basis of a large number of practical problems in algebra. Recitations, laboratory and lectures, seven hours a week.

Prerequisites, Algebra, Plane Geometry and a working knowledge of the trigonometric functions,—sine, cosine and tangent.

Note. Students who have had good text-book work in Elementary Physics may complete the laboratory work in the first quarter.

COLLEGE

2. *Advanced Physics.* (*Three Majors.*) This is a course in advanced Physics in which the subject is treated both experimentally and mathematically. Great attention is paid in this course, both in lectures and laboratory, to the practical applications of the various branches. The work is carried on as in Course 1 except that more delicate instruments are used, and the mathematical side of the subject is more fully developed.

Lectures, three hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1 and Plane Trigonometry.

3. *Theoretical Physics.* (*Three Majors.*) The subject is treated more from the theoretical side than in Course 2. This course is especially designed for students intending to continue work in engineering schools. The laboratory work is similar to that given in the best engineering schools in the country. Accuracy is required throughout. In the more advanced work the student's attention is directed to the study of possible sources of error. A series of twelve lectures on this subject will be given in connection with the laboratory work.

Lectures, three hours a week. Laboratory, four hours a week.

Prerequisites. Physics 1, Plane Trigonometry, Analytical Geometry, and the student must either have had or be taking Differential and Integral Calculus.

4. *Theoretical Electricity.* (*One Major.*) A course in the theory of Electricity and Magnetism. Lectures, five hours a week.

5. *Laboratory Practice.* (*One Major.*) An advanced course in heat and light. Laboratory, ten hours per week.

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science, Engineering and six-year Mechanic Arts Groups, the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

A certificate is given to those who complete the Teachers' Course in Manual Training or Domestic Economy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature Groups, a student who enters the Institute from another institution will be required to do work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES

Tuition. The charges for tuition are as follows: Full work (3 or 4 subjects), \$20.00 per quarter; 2 subjects; \$15.00 per quarter; 1 subject, \$10.00 per quarter. There are three quarters in the school year. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. No other fees are charged by the Institute. *Necessary text books and instruments will be provided by the Institute free of charge.* Fees are payable in advance; students who neglect payment may be dropped from their classes. Checks should be made payable to Bradley Polytechnic Institute.

In some cases students are allowed to pay part or all of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits, (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at from \$3.50 per week upward. The Institute will make special effort to secure satisfactory conditions as to boarding and rooming accommodations in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute.

SCHOLARSHIPS

I.—SCHOLARSHIPS IN THE INSTITUTE

(a) *The Institute Grants:*

1. Two scholarships each year to members of the class receiving the Academic Certificate; the scholarships are awarded by the Faculty and are of the value of \$60.00 each, covering tuition in the College for a year.

2. A scholarship of the value of \$20.00, covering one quarter's tuition, to the winner of the Institute Declamation Contest.

3. Two scholarships each year to the Peoria High School, to be given to the two graduates having the highest rank; each scholarship is of the value of \$60.00, covering one year's tuition in the College. One of these scholarships is now held by Grace E. Hauk.

4. A scholarship each year to the scholar standing highest among the boys in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1905-6 by Wilbur D. Downing.

(b) *The Board of Supervisors of Peoria County Gives:*

1. One scholarship in the Institute each year to the scholar standing highest among the girls in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1905-6 by Ella M. Sholl.

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO.

The University of Chicago grants each year to Bradley Institute, as an affiliated school, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The Scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. They are now held by Frank C. Becht and Florence A. Cutright.

SUMMER SCHOOL

The Summer School, devoted to Manual Training and Domestic Economy, extended from July 5th to August 9th. It was conducted under the superintendency of Charles A. Bennett, with the following additional instructors: F. D. Crawshaw, Woodworking; Elida E. Winchip, Sewing; W. F. Raymond, Metalworking; Adelaide Mickel, Design; Henrietta Bowman, Cooking.

The following courses were offered: 1. Organization of Manual Training. 2. Manual Training for Elementary Schools. 3. Woodworking and Drawing. 4. Metalworking for Grammar and High Schools. 5. Plain Sewing. 6. Dressmaking. 7. Cooking. 8. Furniture Construction, Wood-turning and Pattern-making. 9. Machine Shop Practice. 10. Applied Design and Color Work.

The tuition for the Summer term is \$25 for three courses, \$20 for two and \$15 for one.

The students of the Summer School of 1905 came from the following States: Illinois, Indiana, Ohio, Massachusetts, Maryland, Louisiana, Texas, Oklahoma, Kansas, Missouri, Iowa, Minnesota, S. Dakota, Wisconsin, Michigan, and one from Canada. Several of these were college graduates, the great majority were teachers.

The Summer School for 1906 will offer similar courses. It is held from July 2d to August 4th.

UNITED STATES WEATHER BUREAU

During the summer of 1904 the United States Government erected a Weather Bureau Station at the north end of the campus on a lot



WOODWORKING ROOM



MACHINE SHOP



A BALL GAME



MECHANICAL DRAWING

granted by the Institute. This is in charge of Dewey A. Seeley. Daily bulletins and weather maps are sent out from the station. Special lectures are given by Mr. Seeley to the Institute classes in Physiography.

CHAPEL AND ASSEMBLY

The daily exercises of the School are opened with a brief chapel service, which all students are expected to attend. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. At intervals the students and teachers in the School of Horology join the School of Arts and Sciences in a general assembly. On these occasions musical programs, and addresses by prominent professional and business men on practical topics take the place of the chapel service.

PARENTS' MEETINGS

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes: 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and the teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 3. To discuss educational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The dates of the Parents' Meetings for 1906-7 will be Thursday, October 25, 1906, and Thursday, March 28, 1907.

THE BOARD OF ATHLETICS

Athletics are under direct control of a board made up of five members of the Faculty and five Representatives elected from the various divisions of the school. Actions of the Board are of course subject to revision by the Faculty.

The purpose of this Board is to secure the best possible conditions in Athletics, especially to insist upon two points:—that the conduct of

all taking part shall be fair and gentlemanly, and that no student shall follow athletics to the detriment of his studies. Under the direction of this Board an athletic field has been fenced off, graded and equipped; baseball and football teams have been organized and maintained, and work in track athletics and tennis well established. Besides the athletic field, which contains a baseball and football field and a quarter-mile track, the Institute maintains for general student use five tennis courts, a basket-ball field and a second baseball diamond.

Special attention is being paid to athletics within the school; to this end a committee on inter-school athletics has been appointed by the Board. This committee encourages and directs all legitimate out-of-door sports by providing equipment for teams and arranging schedules.

MEMBERSHIP OF THE BOARD 1905-1906*

THE DIRECTOR.....	Chairman, <i>ex-officio</i>
F. L. BISHOP, Secretary	} The Faculty of Arts and Science
GEO. C. ASHMAN	
L. C. PLANT	
J. A. MINER.....	The Horological Faculty
CARL ZERBES	} The Horological School
E. A. MILLER	
BYRON M. FAST.....	} The College
ROBT. C. CRAIG	
HAROLD W. LYNCH.....	} The Higher Academy
EARL L. SMITH	
BENJ. S. BEECHER.....	
E. L. LIDLE }	The Lower Academy
FRANK D. SMITH }	
HELEN S. MILLS	The Young Women

MANAGERS FOR 1905-1906

EARL J. SMITH	Football
JAMES C. HAYWARD	Baseball
GLEN M. EBAUGH.....	Track
ROBERT C. CRAIG	Tennis
ROY U. TYSON }	Basket-Ball
EARL W. VAN TASSEL }	

*Except in the case of the Secretary, bracketed names are those of successive representatives of the same Faculty or division.

COMMITTEE ON INTER-SCHOOL ATHLETICS

LOUIS C. PLANT	Chairman
ROGER SCHENCK	Baseball
GLEN M. EBAUGH	Track
ROBERT C. CRAIG	Tennis
EARL W. VAN TASSEL	Basket-Ball
ROBERTS J. MANN	Hare and Hounds

MILITARY DRILL

A battalion consisting of signal corps and two companies of infantry was organized during the winter quarter of 1905-6 among the young men of the Institute. The equipment consisting of guns, bayonets, belts and sabres is furnished by the Institute. The uniform worn is the United States regulation khaki. Two hours per week are used in drilling according to the rules of the Infantry Drill Regulations of the United States Army. Interesting features are the parades, ceremonies and sham battles.

The commissioned officers are:

BATTALION

Major.....FREDERICK H. EVANS

SIGNAL CORPS

CaptainEDWIN V. LAWRENCE
 First LieutenantCHAS. J. ISELE
 Second LieutenantHENRY H. COLBY
 Third LieutenantLEONARD A. ARMSTRONG

A COMPANY

CaptainPERCY M. RICHARDS
 First Lieutenant.....J. W. HARRIS
 Second Lieutenant.....FRED. S. SIMMS

B COMPANY

First Lieutenant (Acting Captain)FREDERICK A. CAUSEY
 Second Lieutenant.....HARRY J. KLOTZ

THE COUNCIL

The Council includes (a) the Directors and Deans, who represent the Faculty, (b) six Tribunes, namely, three young men and three young women, who are elected by the young men and women respectively of the College, Higher Academy and Lower Academy for the term of one year. The work of the Council is to consider all matters of common interest to Faculty and students; to make recommendations to the Faculty; and to deal with all matters referred to it by the Faculty. Among other matters which the Faculty has put into the hands of the Council may be noted: the formation of Literary Societies; the social interests of the school; the Tech; the Annual.

TRIBUNES FOR 1905-1906*

<i>College—</i>	{ J. ORVILLE KENDALL BYRON M. FAST	{ KATHERINE COPES MIRIAM E. BUCKLEY
<i>Higher Academy—</i>	{ CLARENCE M. STRAESSER ROBERT PLOWE	{ HELEN MILLS GRACE CAMREN
<i>Lower Academy—</i>	{ GORDON KELLAR CHALES J. SCRANTON	{ EDITH LOVE AMY KEITHLEY LULU P. BESS

ORGANIZATIONS

ENGINEERING CLUB

The purpose of this Club is to stimulate interest in the study of Engineering and Mechanic Arts. By the aid of lectures, conferences and excursions the Club attempts to keep its members informed on the discoveries and inventions of the day. The club meeting serves as a place for profitable discussion of topics of interest to the student in applied science work.

*Bracketed names are those of successive representatives of the same division.

OFFICERS

President	FRED. S. SIMMS
First Vice-President	HENRY H. COLBY
Second Vice-President	BENJAMIN S. BEECHER
Treasurer	ROBT. C. CRAIG
Secretary.....	FREDERICK H. EVANS

The work of the Club from October 1, 1905, to April 5, 1906, included the following:

(a) *Lectures, Papers and Conferences—*

Nov. 20.	Inventions and Inventors	FREDERICK H. EVANS
Dec. 4.	Steam Turbines	DABNEY H. MAURY
Jan. 15.	Electricity in Every-Day Life.....	LEROY MILLS
Jan. 29.	The Gas Engine.....	B. TUCKER
Feb. 12.	Storage Cells.....	RALPH E. FERRIS
	Machine Shop Work	HENRY H. COLBY
Feb. 26.	Electric Wiring	FRED. S. SIMMS
March 12.	Gas Producers.....	EDWARD A. CUSHING

(b) Excursions were taken to the principal manufacturing plants in the vicinity of Peoria.

(c) *Social*—April 5—Campfire in Bradley Hall.

ARTS AND CRAFTS CLUB

The Arts and Crafts Club, as its name signifies, is a society whose purpose is to stimulate interest in art at Bradley Institute, and especially to recognize and encourage artistic handicraft among its members. The Club was organized in November, 1898.

The most important feature of its work is the annual spring exhibition. Here are gathered together the best pieces of art-craft work made by students, alumni and teachers during the year.

OFFICERS

President.....	JOSEPH G. COWELL
Vice-President.....	JANET GRANT
Secretary.....	EDNA CAMREN
Treasurer.....	LAWRENCE VANDEVENTER
Curator.....	ADELAIDE MICKEL

THE HISTORICAL SOCIETY

The Historical Society holds one regular meeting each quarter, and such special meetings as may be deemed advisable. Its purpose is (1) to study local history in its relation to State and National History; (2) to discuss historical topics and current events, especially those bearing on political, economical and social questions; (3) to review important books and magazine articles.

The leading topic for study this year has been the history of Illinois.

OFFICERS

President.....	JOSEPH G. COWELL
Vice-President	HARRISON A. LYDING
Secretary-Treasurer.....	BENJ. S. BEECHER
Chairman Executive Committee.....	CHARLES T. WYCKOFF

THE TECH

THE TECH is a monthly paper conducted under the auspices of the Council. The editor-in-chief and business manager, who are elected from the student body by the Council, assume the entire responsibility.

STAFF FOR 1905-1906

NELLIE R. FARLEY	Editor-in-Chief
DON F. WILEY.....	Business Manager
ESSIE M. HEYLE.....	} Associate Editors
BENJAMIN BEECHER	
HELEN S. MILLS.....	
LAURA D. BUNN	
J. ORVILLE KENDALL ..	
ROY U. TYSON	Athletics
EDWARD MILLER	Horological

THE POLYSCOPE

THE POLYSCOPE is the annual publication of the students. Like THE TECH it is under the control of the Council. The issue for 1906 contains a history of the school for the year past, records of athletic teams, work of school organizations, and the like. The staff is as follows:

MIRIAM E. BUCKLEY	Editor-in-Chief
EDWARD A. CUSHING.....	Assistant Editor
HELEN S. MILLS	} Calendar
JOSEPH G. COWELL.....	
ETHEL V. FOREMAN.....	
ROY U. TYSON	
EARL L. SMITH	Athletics
JANET GRANT	Art
BYRON M. FAST	Organizations
CHAS. C. SCHAUMLIEFFLE	Subscriptions
JAMES W. SWENT.....	Business Manager
EDWARD MILLER	Horological

MUSICAL ORGANIZATIONS

The Chorus gives training in singing and in the interpretation of the best music. The work is voluntary. Membership is open to students and friends of the Institute. The Chorus numbers about seventy voices.

The Chorus and Orchestra gave a concert at Bradley Hall, April 19.

OFFICERS

Director.....	CHARLES T. WYCKOFF
Chairman Executive Committee.....	BERYL B. COLLINS
Pianist.....	JESSIE C. ARCHER

The Bradley Symphony Orchestra is under the direction of Mr. Harold Plowe. Membership is open not only to students, but to all who are interested in musical culture. The orchestra has a membership of forty.

A mandolin club has been maintained during the year. It has about fifteen members. Raymond F. Palmblade acts as leader, and Edward A. Cushing as business manager.

LITERARY SOCIETIES

Great interest has been shown in the work of the literary societies during the past year. They are purely voluntary but are regarded by the Institute as making an important contribution to school life. There are now four such organizations, two of them continuing from previous years and two newly organized. Meetings are held fortnightly. The exercises in honor of Washington's Birthday were conducted by representatives of these societies.

The officers are as follows:

THE BRADLEY DEBATING CLUB

President	HARRY K. GRIFFIN
Vice-President.....	FRED. S. SIMMS
Secretary	ELY C. WOOD
Critic	MARGARET McLAUGHLIN

THE GIRLS' DEBATING SOCIETY

President.....	MARY D. DOUBET
Vice-President	VIVIAN BONIFACE
Secretary	ELIZABETH M. FABER
Treasurer	AGNES E. STEVENS

THE INSTITUTE DEBATING CLUB

President.....	BENJAMIN S. BEECHER
Vice-President	CLARENCE W. STRAESSER
Secretary.....	HERBERT A. KELLAR
Critic.....	VICTOR J. WEST

THE BRADLEY DEBATING AND LITERARY SOCIETY

President.....	FRANCIS J. BOHL
Vice-President.....	SIDNEY FIESELMAN
Secretary.....	HENRY E. SCHWEITZER
Critic.....	THEODORE C. BURGESS

YOUNG MEN'S CHRISTIAN ASSOCIATION

The Association was organized in the spring of 1902 under the direction of Mr. W. W. Dillon, Secretary of the College Associations in Illinois. The work of the Association is carried on under the direction of a committee of management made up as follows: Three members from the Institute Faculty; two members from the Alumni; the General Secretary and President of the Peoria Central Association; the officers of the Institute Association.

The work of the Institute Association for the year just past may be summarized as follows: 1. Organization and maintenance of four Bible classes, each of which has met once each week. 2. Arranging for afternoon and evening gatherings. 3. Publication of a Students' Hand Book. 4. Aid given new students in finding suitable homes. 5. Aid given students in finding employment during vacation. 6. Sending delegates to State Conventions and to the Geneva Students' Conference.

OFFICERS

President.....	HARRY K. GRIFFIN
Vice-President.....	RALPH E. FERRIS
Recording Secretary .	FRED. S. SIMMS
Treasurer	JAMES A. MINER
General Secretary.....	HARRY K. GRIFFIN

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The Young Women's Christian Association was organized in the spring of 1904 by Miss Broad, the State Secretary of the College Association. The work of the past year has been as follows: 1. The Bible class was conducted by Miss Russell, Associate Secretary of the City Association, until the beginning of the spring quarter after which the class was divided into sections under the direction of student leaders. The topic of study has been "The Book of Matthew." 2. A Mission Study Class under the direction of Miss Ruby Davis. 3. Delegates were sent to the convention at Decatur. 4. Several pleasant social events have been held during the year.

OFFICERS

President.....	RUTH H. HOUGHTON
Vice-President	EDNA M. FELTGES
Secretary	GERTRUDE L. PATTERSON
Treasurer.....	ETHEL M. SUMMERS
Social	AGNES E. STEVENS
Inter-Collegiate.....	EDITH B. LOVE
Missionary.....	EXIE CAMPBELL

ENGLISH CLUB

The purpose of the English Club is to study and enjoy the works and lives of the great writers of English. During the past year the general subject has been, "The Nineteenth Century Novelists."

The work was distributed as follows: November 16, "The Early History of the Novel;" December 7 and January 18, "Scott;" February 8, "A Talk on Hamlet," by Instructor T. A. Knott, of Northwestern University; March 1 and 29, "Dickens;" April 19 and May 10, "Thackeray;" May 31, "George Eliot."

On February 24, the Club gave its second annual banquet for a few of its friends. Responses were made to toasts as follows: "The English Club," "Everyday English," "Novel Reading," "Charles Dickens," and "Books."

OFFICERS

President.....	HERBERT A. KELLAR
Vice-President	ELIZABETH M. FABER
Secretary-Treasurer	LAURA D. BUNN

OFFICERS OF THE ALUMNI ASSOCIATION

President	MRS. VONNA RITCHIE BROWN, '04
Vice-President.....	JOHN E. ARMSTRONG, '05
Secretary.....	MILDRED FAVILLE, '03
Treasurer	C. K. BENTON, '04

PUBLIC EXERCISES

THE EIGHTH CONVOCATION

The eighth convocation was held in Bradley Hall, Friday Evening, June twenty-third. The invocation was offered by Reverend Henry F. Milligan. Professor Albion W. Small, of the University of Chicago, gave the convocation address on the theme "The Landmarks of Life." This was followed by the annual statement of the Director and the presentation of diplomas.

THE DIPLOMA OF THE INSTITUTE was conferred upon the following graduates:

IN THE SCIENCE GROUP—Frank C. Becht, Katherine Copes, Essie M. Heyle, Giles E. Keithley, Sara M. Straesser.

IN THE ENGINEERING GROUP—John E. Armstrong, Frederick B. Bourland, Victor H. Dickson, Ralph A. Lynch.

The graduates from these two groups were given the Degree of Associate in Science. Mr. Becht completed the work of the Literature Group also.

The Degree of Associate in Arts was conferred upon Florence A. Cutright and Vera H. Hale, who had completed the work of the Classics Group.

The Degree of Associate in Literature was conferred upon Joseph F. Bartley, Mabel L. Brisley, Jennie G. Cation, Marilla E. Cooper, Neta G. Edwards, Verona E. Kanne, Gustaf P. Lagergren, Isabel M. Osborne.

The University of Chicago Scholarships were won by Frank C. Becht and Florence A. Cutright. Alternates, Frederick B. Bourland, John E. Armstrong.

THE ACADEMIC CERTIFICATE was conferred upon the following students: (Those whose names are marked with a star completed the work before the Spring Quarter.)

IN THE SCIENCE GROUP—Grace M. Anicker*, James M. Bayne, Beryl B. Collins, Ruby A. Davis, Helen S. Mills*, Edna M. O'Brien, Don F. Wiley, Herbert L. Williams*, Lois A. Wilson.

IN THE ENGINEERING GROUP—Byron M. Fast*, Walter R. Frye, Webster H. Hakes, Philip Z. Horton, Louie A. Neill.

IN THE CLASSICS GROUP—Flora L. Ebaugh, James L. Hack, Herbert A. Kellar, Edith Levy, Maurice S. Meeker.

IN THE LITERATURE GROUP—Mildred S. Baldwin, Anna C. Block, Marie V. Clark, Bertha R. DeClark, Coral E. Ditewig*, Sarah J. Grant, Isabelle S. Lines, Laura G. Patterson, Eulalia Robinson, Lina S. Ulrich*, Alida Whiting.

IN THE MECHANIC ARTS GROUP—Irving N. Colby, Fred S. Simms.

The Winner of the Institute Scholarships were Edith Levy and Lina S. Ulrich; Alternates, Ruby A. Davis and Bertha R. DeClark.

IN THE HOROLOGICAL DEPARTMENT the Diploma in Optics was conferred upon C. E. Bowman, O. Brefeld, H. Cohenour, C. C. Carden, F. Devlin, H. A. Dildine, W. E. Erdice, R. W. Emery, M. C. Fox, J. H. Halthaus, J. E. Hodge, William Jaeger, F. E. Kroetz, C. E. Lonsway, C. Monroe, Jr., F. G. Mooney, P. J. Palmquist, J. S. Rhoads, W. H. Story, H. J. Tippet, E. E. Wendling, C. Zapf, M. M. Zuecher.

FOUNDER'S DAY

The ninth annual observance of Founder's day, was held Sunday, October 8th. The Reverend Hugh Jack offered the invocation. Miss Clara L. Allen presided at the organ. The address was by Dr. Edward A. Steiner, of Iowa College, Grinnell, Iowa, on "Tolstoi."

LECTURE COURSE, 1905-6

MR. CHARLES A. BENNETT:

"The Evolution of the Christian Church Building," (illustrated)
 November 10

MR. GEORGE C. ASHMAN:

"The Composition of the Atmosphere" November 24

MISS HELEN BARTLETT:

"Berlin" (illustrated)December 8

PROFESSOR EDWARD A. STEINER, Ph. D., Iowa College, Grinnell, Iowa,
lecturer for the University of Chicago in Slavic History and Literature. Six lectures on "The Slavic World."

1. A Journey through the Slavic WorldJanuary 5
2. The Characteristics of the Slav.....January 19
3. Laws and Customs among the Slavs.....February 2
4. Feasts and Fasts among the SlavsFebruary 16
5. Religious Life among the SlavsMarch 2
6. The People of the Slavic World (illustrated)March 16

ATHLETIC BENEFIT

The Comedy "Frenzied Finance" was presented at the Grand Opera House, May 5, 1905, under the auspices of the Athletic Board. As for several years past, Mr. Frank T. Wallace took charge of the preparation of the play. Mr. Fred. B. Bourland acted as business manager, and music was furnished by the Bradley Orchestra under the direction of Miss Clara L. Allen. The cast of characters was as follows:

John Armstrong, Mildred Baldwin, Fred. Bourland, Edna Camren, Joseph Cowell, Edward Cushing, Mary Doubet, Neta Edwards, Miles Fuller, Laura Geach, Philip Horton, Clifford Livingston, Margaret Misner, Blanche Steckel, James Wilson, Clifford Young.

THE CONCERT

The Eighth Annual Spring Concert was given April nineteenth, by the Institute Chorus under the direction of Dr. Charles T. Wyckoff and the Bradley Symphony Orchestra with Mr. Harold Plowe as conductor. The Chorus gave Elgar's "The Black Knight" and "Land-Sighting" by Grieg. The orchestral numbers were, Eisenmann's "Marche Triomphale", Flotow's "Overture to Martha", "La Zingana" by Bohm, "Salut D'amour" by Elgar, Gounod's "Soldier's Chorus" from "Faust", and Chaminade's "Pas des Amphores".

Mr. Harry Brown gave a Trombone Solo—"Song to the Evening Star" from Wagner's "Tannhäuser"; Mr. Lewis Brown a Cello Solo, "Air de Ballet" by Offenbach, and the Haydn Quartette Godard's "Canzonetta" from Op. 35.

GRADUATES OF BRADLEY POLYTECHNIC INSTITUTE

1898

UNLAND, CORINNE C. (MRS. JAMES H. ANDERSON), Houston Heights, Texas.
Literature; University of Chicago, 1898-9. Teacher, 1899-1900.

1899

ANDERSON, JAMES H., Houston Heights, Texas.
Science, Winner University of Chicago Scholarship; University of Chicago 1899; Chemist
Industrial Cotton Oil Co. of Texas, Houston Heights, Texas, 1900—.

LYON, CHARLES H., 419 Central St., Peoria.
Classics, Winner University of Chicago Scholarship; Student in Mechanical Engineering,
Y. M. C. A. School, Peoria, 1904-5; City Electrician, Peoria, 1905—.

1900

CROFOOT, MARGUERITE (MRS. C. C. LEFFINGWELL), 330 W. 15th St., New York.
Classics, Winner University of Chicago Scholarship; University of Chicago 1900-2, A. B.
ibid., 1902, Honorable Mention; Teacher Peoria Schools, 1902-3; Assistant in Greek and Latin,
Bradley Institute, 1903-6.

DEXTER, JOHN R., Ardmore, Indian Territory.
Literature; University of Chicago, 1900-2, Ph. B., *ibid.*, 1902; President Indianoma Realty
Co., Ardmore, Indian Territory.

HOOD, FLORENCE (MRS. H. M. SOLENBERGER), 211 College St., Springfield.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2,
A. B., *ibid.*, 1902; Registrar Chicago Bureau of Charities, 1903-4.

LEFFINGWELL, CLARENCE C., 330 W. 15th St., New York.
Literature; University of Chicago, 1901-2, Ph. B., *ibid.*, 1902; Assistant in Greek and
Latin, Bradley Inst., 1901-3; Private Tutor, 1903-4; Manager News-stand Circulation *Collier's*
Weekly, 1904—.

NELSON, CARL G.
Classics; Augustana College, Rock Island, 1900, 1902-3; B. D. and M. A., *ibid.*, 1903;
University of Chicago, 1901-2; called to a church in Manson, Iowa; died 1905.

PAGE, ROY, 5330 Madison Ave., Chicago.
Science; Cornell University, 1900-1; Business, Chicago.

PARKER, MARGUERITE, (MRS. FRANK HINMAN), Tremont.
Science; University of Chicago, 1900-2, B. S., 1902; Teacher in Peoria Schools, 1902.

RICE, MARY V., The Aldine, Peoria.
Literature; University of Michigan, 1900-2, A. B., *ibid.*, 1902; Teacher, Peoria
Schools, 1903—.

- SANNER, LAURA E. (MRS. ROBT. PARKER), Sterling, Colo.
Literature; Teacher, Wyoming, Ill., Schools, 1900-2.
- SMITH, RALPH H., 100 Cleveland Ave., Columbus, Ohio.
Classics; University of Chicago, 1900-3, A. B., *ibid.*, 1903; Starling Medical College, 1903-5, M. D., *ibid.*, 1905; Interne, St. Francis Hospital, Columbus, 1905-.
- WABEKE, JOHN M., Williamstown, Mass.
Classics; Princeton University, 1900-2, A. B., *ibid.*, 1902; University of Leipzig, and travel in Europe, 1902-6; to receive Ph. D., 1906; Instructor in German, Williams College 1906-.

1901

- BRUBAKER, HAROLD C., 309 Majestic Bldg., Indianapolis, Ind.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1901-3, A. B., *ibid.*, 1903; Credit man Western Electric Co., Indianapolis, 1903.
- FULLER, WALTER, Glucose Sugar Refining Co., Pekin, Ill.
Science; University of Chicago, 1901, S. B., *ibid.*, 1904; Student Laboratory Inspector, *ibid.*, 1901-4; Chemist, Kennicott Water Softener Co., Chicago, 1905-6; Chemist, Glucose Sugar Refining Co., Pekin, 1906-.
- GEIGER, MABEL L., 1120 Perry Ave., Peoria.
Classics; University of Illinois, 1901-3; B. L. S., *ibid.*, 1903; Teacher, Peoria Schools, 1903-.
- KELLY, MILDRED (MRS. WM. ANICKER), Morris, Indian Territory.
Literature; Mt. Holyoke, 1902-3.
- MACCLYMENT, GEORGE R., Wyoming.
Science; University of Chicago, 1901-3; Cashier of Bank, Scott, Wrigley & Hammond, Wyoming, 1903-.
- OLMSTEAD, MAUDE C. (MRS. E. V. LAWRENCE), 416 Barker Ave., Peoria.
Science; Assistant in Sewing, Bradley Institute, 1901-5.
- PORTER, ALBERT L., 134 Third St., Aurora.
Science; Student in Correspondence Course in Architecture, Chicago, 1901; Mechanical Draftsman, Chicago.
- SWANSON, S. ADELIA, Owatonna, Minn.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1901-2; Ph. B., *ibid.*, 1902; Teacher of German and English, High School, Indianola, Iowa, 1902-4; Teacher of German, High School, Owatonna, 1904-.
- TRACY, ANNIE C., 710 W. Armstrong Ave., Peoria.
Literature; Teacher, Peoria Schools, 1901-.
- WEIRICH, ELIZABETH S., 250 Washington Ave., Brooklyn, N. Y.
Literature; University of Chicago, 1901-3, B. S., *ibid.*, 1903; Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y., 1903-.

1902

- BENNETT, FRANK W., Rose Polytechnic Institute, Terre Haute, Ind.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; A. B., *ibid.*, 1903, Honorable Mention; Instructor in German, Rose Polytechnic Institute, Terre Haute, 1904-.
- BRUBAKER, WILLIAM C., 6542 Ellis Ave., Chicago.
Science; Armour Institute of Technology, 1902-6, B. S., *ibid.*, 1906, White Scholarship, 1905, President, Y. M. C. A., President Senior Mechanics' Society, *ibid.*

- HANCOCK, TRACY M., Lacon.
Science; Business in Lacon, 1902—.
- KELLOGG, ANNE A., 1017 State St., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; Ph. B., *ibid.*, 1903; Honorable Mention in English; Graduate Student, University of Chicago, Summer, 1905; Teacher of German and English, High School, Marquette, Mich., 1903-5; Teacher of German and English, High School, Peoria, 1905—.
- KIRTLEY, LUTHER L., 3217 E. 11th St., Kansas City, Mo.
Science; Winner University of Chicago Scholarship; Miami University, 1901-2; University of Chicago, 1902; A. B., *ibid.*, 1902; Engineer, Evelith, Minn., 1902-4; Engineer, Kansas City, 1904—.
- MERRELL, MORTON W., 819 Garfield Place, Evanston.
Classics; Northwestern University, 1902-4; A. B., *ibid.*, 1904; Garrett Institute, 1904-6.
- SWEETSER, IRVING J., 618 Glen Oak Ave., Peoria.
Classics; with Phil. Sheridan Mining Co., Washington, 1902-4; Standard Oil Co., 1905—.
- THOMAS, GEORGE EARL, 608 Wisconsin Ave., Peoria.
Classics; Business, Peoria, 1902—.
- WELLS, EDGAR B., Delavan.
Science; University of Chicago, 1902-4; Ph. B., *ibid.*, 1904; Principal of High School Delavan, 1905—.
- 1903
- BALLANCE, WILLIS H., 15 South Ave., Ithaca, N. Y.
Science; Cornell University, 1903-6; to receive B. S., *ibid.*, 1906.
- BELL, MARCIA, 1209 Perry Ave., Peoria.
Literature.
- BOURLAND, JULIA P., 624 N. Elizabeth St., Peoria.
Literature; Smith College, 1903-5; A. B., *ibid.*, 1905; Instructor in Biology, Bradley Institute, 1905-6.
- BROWN, DELOS S., 99 Barker Ave., Peoria.
Mechanic Arts; Business, 1903—.
- CALVERT, MAUDE, 1630 13th Ave., Seattle, Washington.
Literature; University of Chicago, 1903-4; Ph. B., *ibid.*, 1904; Teacher, Peoria Schools, 1904-5; Teacher of French, High School, Seattle, 1905—.
- COWELL, MARK W., 604 E. Madison Ave., Peoria.
Science, University of Michigan, 1903-6; A. B., *ibid.*, 1906.
- CUTRIGHT, SIDNEY B., 313 Barker Ave., Peoria.
Classics; Business, 1903—.
- DURHAM, MARGARET L., 306 Glen Oak Ave., Peoria.
Literature; Teacher, Peoria Schools, 1904—.
- DURLEY, ELIZABETH R., Hennepin.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1903-4; Teacher, 1905—.
- FAVILLE, MILDRED, 108 Randolph Ave., Peoria.
Literature; University of Chicago, 1903-5; Ph.B., *ibid.*, 1905; Teacher, Peoria Schools, 1905—.
- GRABER, LOTTIE A., Knoxville.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1903-5; A. B., *ibid.*, 1905; Teacher, High School, Knoxville, 1905—.

HARPER, MARY J. (MRS. HENRY H. LANE), Hiram, Ohio.
Science; University of Chicago, summer, 1901, 1904-5; B. S., *ibid.*, 1905; Scholarship in Zoology, *ibid.*; Teacher, Peoria Schools, 1905.

JOBST, NETTIE, 511 N. Madison Ave., Peoria.
Science; travel in Europe, Summer, 1905.

JOSEPH, DON R., 2344 Arkansas Ave., St. Louis, Mo.
Science, Holder of Special Scholarship, University of Chicago; University of Chicago, 1903-4; B. S., *ibid.*, 1904; Brainard Medal in Anatomy, *ibid.*, 1904; University of St. Louis, 1904-6; to receive M. D., *ibid.*, 1906; Assistant in Biology, Medical Department, *ibid.*, 1904-6; Publications, "Effects of Intravenous Injections of Pork-bone Marrow on the Blood Pressure in Dogs," *American Journal of Physiology*; "The Influence of Organ-extracts of Cold-blooded Animals on the Blood Pressure in Dogs," *Journal of Physiology*, London, England.

PINGER, GEORGE C., Warren, Pa.
Engineering; Cornell University, 1903-5; M. E., *ibid.*, 1905; Draftsman, Snow Steam Pump Co., Buffalo, N. Y., 1905—.

RICE, MONTGOMERY G., 609 E. Jefferson St., Ann Arbor, Mich.
Literature; University of Michigan, 1903-6; to receive LL. B., 1906.

RIDER, GEORGIA, Pekin.
Literature; Teacher, Tremont, Ill., 1904; Havana, Ill., 1905—.

SEATON, EDITH M., 947 Jackson St., Peoria.
Classics; Teacher, Peoria Schools, 1903—.

SCHIMPF, OSCAR J., 225 Callendar Ave., Peoria.
Engineering; Assistant City Electrician, Peoria, 1903-5; Chief Engineer and Electrician, Buckeye Powder Co., Edwards, Ill., 1905; with Mills Electric Company, 1905—.

SCULLIN, BERTHA M., Foster Hall, University of Chicago, Chicago.
Classics; Winner University of Chicago Scholarship; Assistant in Sewing, Bradley Institute, 1903-5; University of Chicago, Summer 1904, 1905-6; to receive A. B., *ibid.*, 1906.

SCHUREMAN, MARY O., Washburn House, Northampton, Mass.
Literature; Smith College, 1904-6; to receive A. B., 1906.

STOCK, EDWARD F., 512 Sanford St., Peoria.
Science; Business, Peoria, 1903—.

STOWELL, LAURA A., Calumet, Mich.
Science; Teacher, Domestic Economy, High School, Calumet, 1903—.

SUMMERS, LILLIAN M., 117 N. Bourland St., Peoria.
Classics; Northwestern University, 1903-4; Vanderbilt University, 1904-5; A. B., Northwestern University, 1905; Teacher, Peoria Schools, 1905—.

TJADEN, HERTHA M., 205 S. Underhill St., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1905-6.

WEST, VICTOR J., 1208 Saratoga St., Peoria.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; Instructor in English, Bradley Institute, 1905—.

1904

BELSLEY, RAY J., 1405 N. Jefferson Ave., Peoria.
Engineering; Business, Peoria, 1904—.

BENTON, CHARLES K., 207 Crescent Ave., Peoria.
Science; Dartmouth College, 1904-6; to receive B. S., *ibid.*, 1906.

- BRUNINGA, JOHN H., Patent Office, Washington, D. C.
Engineering; Aid Bureau of Standards, Department of Commerce and Labor, 1904-5; Fourth Assistant Examiner, Patent Office, 1905—; to receive S. B., George Washington University, 1906.
- CUTRIGHT, LOIS I., 313 Barker Ave., Peoria.
Literature; Teacher, 1904—.
- ELSBREE, FLORENCE A., 207 Ellis St., Peoria, Ill.
Classics; University of Chicago, 1904; Shurtleff College, 1905-6; A. B., *ibid.*, 1906; Head of Language Department, Greer College, 1904-5.
- EVANS, ROLLA I., Gray's Hall 46, Cambridge, Mass.
Science; Harvard University, 1904—.
- GORSLINE, WILLIAM W., 8 Fifth St., Goshen, Ind.
Science; University of Chicago, 1904-5; Instructor in Mathematics, High School, Goshen, Indiana, 1905—.
- GRIGSBY, HARRY D., 203 S. Underhill St., Peoria.
Science; University of Illinois, 1904-6, to receive B.S. *ibid.*, 1906.
- HECKMAN, LILLIAN S., 5786 60th St., Chicago.
Science; University of Chicago, 1904-6; to receive Ph. B., *ibid.*, 1906.
- HELMBOLD, IDA J., 711 North St., Peoria.
Classics; Teacher Peoria Schools, 1904—.
- MAYER, SIMON, Fort Pierre, S. D.
Classics; University of Chicago, 1904-5; A. B., *ibid.*, 1905; Engineer, Offices C. & N.-W. R. R., Fort Pierre, 1905—.
- MILLER, CHARLES W., 601 First Ave., Peoria.
Literature; University of Michigan Medical School, 1904—.
- MORGAN, HARRY D., 22 Snell Hall, University of Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; to receive A. B., *ibid.*, 1906.
- NEEF, FRANCIS J., Knesebeck Strasse 88, Charlottenburg, Berlin, Germany.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; University of Lausanne and travel in Europe, 1905-6; University of Berlin, 1906.
- OLMSTEAD, RALPH W., 806 N. 53d Ave., Austin.
Science; Stock Department, Bartlett, Frazier & Carrington, Chicago, 1900—.
- PAUL, JOSEPH W., 1401 Kishwaukee St., Rockford.
Engineering; Assistant in Manual Training Rockford Schools, 1904—.
- RITCHIE, VONNA V. (MRS. DELOS S. BROWN), 99 Barker Ave., Peoria.
Science; James Milliken School of Music, Decatur, Ill., 1904-5.
- ROCKWELL, IVA F., 117 W. Armstrong Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6, A. B., *ibid.*, 1906, Honorable Mention, Member University Council.
- ROGERS, LULU E., 518 Spring St., Peoria.
Science; Teacher Peoria Schools, 1905—.
- SPECK, CHARLES H., 117 Broadway, Peoria.
Engineering; Business Peoria, 1904—.
- STEMM, JOSEPHINE A., 514 St. James St., Peoria.
Literature; Teacher Peoria Schools, 1904—.

- VANCE, MYRA L., 164 Institute Place, Peoria.
Literature.
- WILSON, EDNA L., 702 Maple Ave, Oak Park.
Literature; Teacher, 1905—.

1905

- ARMSTRONG, JOHN E., Phi Gamma Delta Lodge, Ithaca, N. Y.
Engineering; Cornell University, 1905—.
- BARTLEY, JOSEPH F., 1609 S. Adams St., Peoria.
Literature; Law office, Peoria, 1905—.
- BECHT, FRANK C., 6128 Lexington Ave., Chicago.
Literature and Science; Winner University of Chicago Scholarship; University of Chicago, 1905-6; to receive B. S., *ibid.*, 1906.
- BOURLAND, FREDERICK B., 624 N. Elizabeth St., Peoria.
Engineering; Printing business, 1905; Briggs Real Estate Co., Los Angeles, Cal., 1906.
- BRISLEY, MABEL, 607 Jackson St., Peoria.
Literature.
- CATION, JENNIE G., 618 Bradley Ave., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1905-6.
- COOPER, MARILLA E., 86 W. Lorain St., Oberlin, Ohio.
Literature; Oberlin College, 1905—.
- COPEs, KATHERINE, Tremont.
Science; Teacher in Tazewell County Schools, 1905-6.
- CUTRIGHT, FLORENCE A., 41 Kelly Hall, University of Chicago, Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1905—.
- DICKSON, VICTOR H., Technology Chambers, Boston, Mass.
Engineering; Massachusetts Institute of Technology, 1905—.
- EDWARDS, NETA G., 5509 Greenwood Ave., Chicago.
Literature; University of Chicago, 1905—.
- HALE, VERA H., Mapleton.
Classics; Teacher Mapleton, 1905—.
- HEYLE, ESSIE M., 127 Elmwood Ave., Peoria.
Science; Graduate Student in Domestic Economy, Bradley Institute, 1905-6; Teacher Domestic Economy, Bacon Misson, Peoria, 1906.
- KANNE, VERONA E., Moss and Western Ave., Peoria.
Literature; Teacher Peoria Schools, 1905—.
- KEITHLEY, GILES E., 1601 Knoxville Ave., Peoria.
Science; Lake Forest University, 1905—.
- LAGERGREN, GUSTAF P., 525 E. College Ave., Jacksonville.
Literature; Draftsman Illinois Steel Bridge Co., Jacksonville, 1905—.
- LYNCH, RALPH A., 515 Illinois Ave., Peoria.
Engineering; University of Illinois, 1905—.
- OSBORNE, ISABEL M., 313 Bigelow St., Peoria.
Literature.
- STRAESSER, MABEL S., 1000 N. Glendale Ave, Peoria.
Science; Teacher Peoria Schools, 1905.

LIST OF STUDENTS

GRADUATE

Cation, Jennie G	Peoria	Tjaden, Hertha	Peoria
Heyle, Essie M	Peoria		

COLLEGE

Baker, Arthur E	Peoria	Johnston, Maurice D	Peoria
Bayne, Milton J	Peoria	Kellar, Herbert A	Peoria
Becker, Arthur B	Peoria	Kendall, Joseph O	Peoria
Becker, Harry S	Peoria	Kirkpatrick, Madge I	Peoria
Becker, Harry T	Peoria	Lander, Guy R	Peoria
Buck, Kate M	Peoria	Lukens, John E	Ottumwa, Ia.
Buckley, Miriam E	Peoria	Lyding, Harrison A	Peoria
Canterbury, Ross J	Peoria	McCoy, Winifred D	Galesburg
Coale, Willis B	Peoria	McNabney, Charles	Laurel, Kansas
Colby, Henry H	Peoria	Means, Jeanette T	Kentland, Ind.
Colby, Irving N	Granville	Messe, Kittie	Moline
Collins, Beryl B	LaMoille	Mills, Helen S	Tiskilwa
Cowell, Joseph G	Peoria	Miller, Frederick F	Peoria
Craig, Robert C	Peoria	Murduck, R. Kenneth	Peoria
Davis, Ruby A	Peoria	Neill, Louie A	Peoria
Davison, Charles R	Downieville, Pa.	O'Brien, Edna M	Morton
Doubet, Mary D	Peoria	Paine, Jessie A	Peoria
Dunlap, Blanche L	Abingdon	Patterson, Laura G	Peoria
Dutcher, Monroe	Peoria	Phillips, Irene L	Delavan
Ebaugh, Glen M	Peoria	Rider, Elizabeth	Pekin
Ellis, Eleanor	Peoria	Richards, Percy M	Peoria
Farley, Nellie R	Peoria	Robinson, Eulalia	Goodfield
Fast, Byron M	Peoria	Rockwell, Floy E	Peoria
Feltges, Edna M	Peoria	Russell, Helen V	Peoria
Ferris, Ralph E	Peoria	Rutherford, Jessie	Peoria
Foreman, Ethel V	Peoria	Schaumleffle, Charles C	Peoria
Francis, Myrtle D	Mazon	Shea, Edna E	Peoria
Fuller, Miles C	Peoria	Simms, Fred S	Traverse City, Mich.
Ginocchio, Beatrice K	Peoria	Smallenberger, Leroy C	Peoria
Goldsmith, Maud	Saginaw, Mich.	Straesser, Clarence W	Peoria
Grant, Sarah J	Peoria	Taylor, Helena P	Peoria
Greves, George L	Peoria	Tefft, Mary E	Elgin
Hammer, Raymond F	Princeville	Tinen, Mary E	Peoria
Harris, Joseph W	Seward	Tobias, Agnes M	Peoria
Harte, Louise W	Minonk	Whiting, Alida	Peoria
Hauk, Grace E	Peoria	Whiting, William T	Peoria
Haydon, Odessa M	Peoria	Wiley, Don F	Peoria
Hayes, Vera J	Peoria	Woolner, Rose	Peoria
Hayward, James C	Peoria	Wright, Lela M	Peoria
Helmbold, Jessie T	Peoria	Wright Mary A	Springfield
Hunter, Edith A	Peoria		

HIGHER ACADEMY

Albertsen, Albert H	Pekin	Avery Clarice C	Peoria
Alford, Don B	Peoria	Ballance, Nevius V	Peoria
Anderson, Harry M	Putnam	Baumgartner, Grover C	Havana
Archer, Jessie C	Peoria	Beecher, Benj. S	Peoria
Atwood, Charles A	Alta	Benton, Eldredge M	Peoria

Blair, Alice E.	Peoria	Kuhl, Lora A.	Peoria
Bohl, Francis J.	Peoria	Lang, Irma A.	Peoria
Boniface, Vivian	Peoria	Lauder, Margaret	Peoria
Brown Claude E.	Peoria	Lee, Grace E.	Peoria
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Byron, Lester A.	Peoria	Lindeburg, Frederick C.	Peoria
Campbell, Exie.	Peoria	Linneman, Fred W.	Flannagan
Camren, Edna.	Peoria	Love, Edith B.	Peoria
Camren, Grace	Peoria	Lynch, Harold W.	Peoria
Cardiff, John V.	Houston, Texas	Macdonald, Alex.	Peoria
Causey, Frederick A.	Chicago	Mahle, George C.	Pekin
Chalmers, Thomas	Peoria	Mann, Roberts J.	Peoria
Chipman, James M.	Peoria	Maple, Ethel L.	Peoria
Clay, Henry H.	Pekin	Marshall, Stella R.	Peoria
Cleaver, Ivy L.	Peoria	Mason, Lester R.	Peoria
Cockle, Kathleen	Peoria	Mason, Nellie.	Yates City
Colby, Jessie M.	Granville	Mellow, Howard G.	Lacon
Cornelson, Katharine A.	Peoria	Miller, Mercy J.	Peoria
Cushing, Edward A.	Peoria	Moore, Mabel M.	Peoria
Deyo, Lula M.	Bradford	Morris, Bessie M.	Peoria
Dickson, Hazel B.	Peoria	Moss, Mary E.	Peoria
Edwards, Edna M.	Peoria	Mueller, Louis H.	Peoria
Edwards, Thomas M.	Princeville	Nelson Chas J.	Peoria
Elton. Escortel J.	Bloomington	Northrop, Edna M.	Peoria
Ellwood, Beulah J.	Peoria	Ottenheimer, Clifford H.	Peoria
Faber, Elizabeth M.	Peoria	Palmblade, Raymond F.	Paxton
Faber, Fred M.	Peoria	Plowe, Robert.	Peoria
Farley, Lawrence B.	Peoria	Rich, Annie I.	Peoria
Fieselman, Sidney	Peoria	Robinson, Chas. P., Barnesville, Minn.	Peoria
Fisher, Eleanor M.	Peoria	Rutherford, Edith.	Peoria
Fisher, Janet M.	Peoria	Saal, Grace.	Peoria
Fluegel, Theodore J.	Peoria	Schueler, Julian L.	Peoria
Fritze, Lucius A.	Peoria	Schweitzer, Harry E.	Peoria
Fuller, Beulah A.	Pekin	Sengenberger, Ina C.	Peoria
Geach, Laura E.	Peoria	Shimp, Miriam M.	Chillicothe
Gorsline, Ruby G.	Peoria	Sklarek, Clifford.	Canton
Gower, Robert S.	Peoria	Slane, Carl P.	Peoria
Grant, Martha I.	Peoria	Slane, Mabel P.	Peoria
Gray, Ruth E.	Peoria	Sloan, Helen B.	Peoria
Griffin, Harry K.	Wenona	Smith, Arthur P.	Pekin
Grimes, Henry H.	Peoria	Smith, Earl L.	Peoria
Hannam, Emma L.	Oneida	Spalding, Henrietta M.	Peoria
Hatfield, Ethel G.	Peoria	Spurck, Robert M.	Peoria
Heckman, Constance C.	Peoria	Steckel, Blanche F.	Peoria
Hegler, Lawrence W.	Peoria	Stevens, Agnes E.	Peoria
Heyle, Allen W.	Peoria	Stevens, Ithiel S.	Peoria
Holmes, Maurice F.	Chillicothe	Stevens, Ruth A.	Alton
Houghton, Myrtle J.	Farmdale	Straesser, Ethelyn M.	Peoria
Houghton, Ruth H.	Peoria	Straesser, Grace A.	Peoria
Howard, Geisert A.	Peoria	Streibich, Anna A.	Peoria
Huber, Rudolph.	Peoria	Sullivan, John M.	Peoria
Hudson, William H.	Peoria	Swent, James W.	Peoria
Johnston, John T.	Latham	Thomas, Carl D.	Peoria
Kear, Mary A.	Delavan	Truitt, Henry.	Chillicothe
Keith, Joseph C.	Walnut Grove	Tyson, Roy U.	Peoria
Keithley, Olive M.	Peoria	Ullman, Robert A.	Peoria
King, Marie M.	Peoria	Ulrich, Julia M.	Peoria

VanDeventer, Lawrence L. Peoria
 VanTassell, Earl W. Peoria
 Voorhees, Corrinne D. Peoria
 Voorhees, Julia H. Peoria
 Waddell, William C. Peoria
 Wear, Eldon E. Princeville
 Wear, Vernon R. Princeville

Wenke, John F. Peoria
 Werckle, Frank W. Peoria
 Weyrich, John S. Pekin
 Wheelock, George R. Peoria
 Wilson, Henry M. Magnolia
 Wilson, John D. Pekin
 Wood, Ely C. Peoria

LOWER ACADEMY

Alford, Genevieve H. Peoria
 Anderson, Edward G. Peoria
 Anicker, Ruth E. Peoria
 Apple, Charles H. Peoria
 Armstrong, Leonard K. Peoria
 Ball, Claire. Peoria
 Bailey, Ruth. Peoria
 Barnes, John T. Peoria
 Batchelder, Ella L. Peoria
 Batchelder, Joseph H. Peoria
 Bellsley, Olga C. Peoria
 Bess, Lulu P. Peoria
 Bibb, Anna C. Peoria
 Bibb, Mary. Peoria
 Birge, Arthur V. Peoria
 Botto, Susanne J. Peoria
 Brown, Harry. Gibbonsville, Idaho
 Brown, Hazel D. Wyoming
 Brown, Hazel J. Peoria
 Brickner, Henry E. Gridley
 Bunn, Loring T. Peoria
 Caldwell, Clara I. East Peoria
 Callister, Irma B. Elmwood
 Canterbury, Allen M. Peoria
 Carson, Roy P. Peoria
 Cation, Anna L. Peoria
 Chandler, Chester C. Peoria
 Cooper, Ruth L. Peoria
 Cooper, Thomas W. Pekin
 Cornelison, Robert C. Peoria
 Couch, Homer C. Hanna City
 Cummings, Ruby A. East Peoria
 Davison, Otto A. Peoria
 DeLent, Louise I. Peoria
 Dickson, Nina. Peoria
 Dombrowski, Elsa C. Peoria
 Downing, Wilbur D. Hanna City
 Drury, Florence O. Peoria
 Droll, Robert L. Mossville
 Dunkel, Pauline M. Peoria
 Eckstein, Henry C. Peoria
 Endres Anna. Peoria
 Engel, Carl J. Metamora
 Evans, Mervin E. Princeville
 Felon, William W. Peoria
 Feuling, Ellen M. Peoria
 Feuling, Leonard V. Peoria
 Fisher, Earl P. Peoria

Fisher, Robert M. Peoria
 Flood, Wilbur E. Peoria
 Freese, Carl A. Bloomington
 Garrett, Una M. Peoria
 Gerzema, Frederick H. Peoria
 Gibson, Anna L. Peoria
 Giessler, William C. Peoria
 Gilbert, Raymond. Peoria
 Gilliland, Robert E. Peoria
 Golike, Frank B. Peoria
 Goss, Frances G. Peoria
 Gumbel, Carl S. Peoria
 Hall, Murray H. Peoria
 Haller, Marcia. Peoria
 Haller, Norma. Bartonville
 Hamsuit, Fred H. Pekin
 Hazzard, James D. Peoria
 Heckman, Earl S. Peoria
 Heidrich, Pearl M. Peoria
 Helm, Roy W. Pekin
 Heyle, Bernice. Peoria
 Hicken, Rudolph H. Peoria
 Hindle, Selma H. Hanna City
 Hollywood, John F. Pekin
 Houghton, Helen L. Farmdale
 Houghton, Herbert H. Farmdale
 Hubbell, Mary B. Peoria
 Huber, Frank. Peoria
 Hutcherson, Ralph A. Peoria
 Iben, Reinhard. Peoria
 Isele, Charles J. Peoria
 Jackson, Ada B. Stark
 Jacob, Jacob H. Peoria
 Jobst, Natalia. Peoria
 Johnson, John A. Peoria
 Jordan, Martin D. Peoria
 Kastien, Emil P. Peoria
 Keithley, Amy. Peoria
 Kellar, G. Gordon. Peoria
 Kenyon, Fred M. Peoria
 Klotz, Harry J. Peoria
 Kohl, Anna M. Peoria
 Kuhl, John H. Jr. Peoria
 Lewis, James C. Peoria
 Lidle, Edward L. Peoria
 Loucks, Ione H. Peoria
 Love, Jean H. Peoria
 McCullough, Harold D. Peoria

McDonald, Harry T.....	Peoria	Scranton, Charles J.....	Peoria
Mercer, Frank G.....	Peoria	Sengenberger, Ella C.....	Peoria
Mercer, Jessie E.....	Peoria	Shank, Hazel E.....	Peoria
Miller, Frances.....	Peoria	Sherwood, Ruth R.....	Peoria
Miller, Harry S.....	Peoria	Sholl, Ella M.....	South Bartonville
Murdock, Elizabeth A.....	Peoria	Sholl, Ethel I.....	Peoria
Neal, Walter E.....	Chillicothe	Sieberns, Oscar W.....	Gridley
Nixon, Helen M.....	Peoria	Smith, Frank D.....	Peoria
Nowland, Robert E.....	Peoria	Smith, Merle G.....	Peoria
Oakes, Anna M.....	Laura	Spence, Hazel N.....	Elmwood
O'Brien, Edward F.....	Peoria	Stemm, George J.....	Peoria
O'Brien, Francis A.....	Peoria	Stieber, Edward H.....	Peoria
Paul, Carl E.....	Forrest City	Stowell, Ruth.....	Chillicothe
Peterson, Irving H.....	Peoria	Strehlow, Paul V.....	Peoria
Pfeiffer, Benjamin S.....	Peoria	Strehlow, Sanchen G.....	Peoria
Phillips, Aaron P.....	Peoria	Summers, Ethel M.....	Peoria
Pinkney, Ray R.....	Peoria	Taylor, Robert B.....	Peoria
Plowe, Marjorie.....	Peoria	Thomas, Helen S.....	Peoria
Poole, Edward P.....	Peoria	Turner, George E.....	Peoria
Poole, Helen I.....	Peoria	Turner, Robert S.....	Pekin
Pople, Albert J.....	Peoria	Ufford, Lucien P.....	Peoria
Potter, Mabel M.....	Peoria	Walker, Oliver P.....	Peoria
Powers, James C.....	Peoria	Wanser, Henry M.....	Peoria
Rabe, Lillian E.....	Peoria	Wells, Roy H.....	Peoria
Reynolds, Harlan C.....	Peoria	Wenke, Anna.....	Peoria
Reynolds, Irving C.....	Peoria	Whitney, Hazel R.....	Peoria
Reynolds, Olive M.....	Peoria	Willis, Harold D.....	Peoria
Richmond, Marguerite.....	Peoria	Willis, Hazel D.....	Peoria
Roberts, Howard D.....	Peoria	Wiltz, Lavina R.....	Peoria
Saal, Theodore.....	Peoria	Winsor, Arthur G.....	Peoria
Sanger, Leo S.....	Peoria	Wolschlag, Ida C.....	Mapleton
Schenck, Roger.....	Peoria	Wood, Robert L.....	Pekin
Schertz, Irene E.....	Peoria	Wright, Grace M.....	Peoria
Schnellbacher, Jean.....	Pekin	Young, George H.....	Peoria

UNCLASSIFIED

Camp, Anna M.....	Metamora	Pfleeger, Luella S.....	El Paso
Davis, Mrs. Kate.....	Peoria	Robinson, William E.....	Peoria
Greaves, Olive C.....	Lacon	Stewart, Anne H.....	Quincy
Hazzard, Mrs. B. F.....	Peoria	Summers, Lizzie B.....	Metamora
Huber, Mrs. Jos. E.....	Peoria	Taylor, Alfred R.....	Peoria
Newlin, Rose.....	Peoria	Turney, Ida M.....	Painesville, Ohio
Newman, Mrs. Milton.....	Peoria	Velde, Hattie M.....	New Holland
Perry, Thomas.....	Peoria	Velde, Tillie H.....	Parkland

SUMMER SCHOOL

Ahrends, Mathilda.....	Peoria	Dickinson, Lenna A.....	Elyria, Ohio.
Allen, Eldreth G.....	Indianapolis, Ind.	Dille, Clyde A.....	Peoria
Anderson, Augusta.....	Peoria	Fairbank, Alfred.....	St. Louis, Mo.
Angier, Carroll W.....	Litchfield, Minn.	Fisher, Henry Benedict.....	Geneseo
Beseman, Ella.....	Peoria	Gaines, Mrs. Lillian G.....	Warsaw Ky.
Blandin, Ida Beatrice.....	Hanna City	Garretson, W. C.....	Terre Haute, Ind.
Cochrane, William S.....	Delevan Wis.	Hayes, Vera J.....	Peoria
Coleman, Alice.....	Peoria	Herr, Louis A.....	Mohawk, Ind.
Craig, Robert C.....	Peoria	Heyle, Allen W.....	Peoria
Denny, Catherine.....	Terre Haute, Ind.	Heyle, Essie M.....	Peoria
Dever, Vylla M.....	Peoria	Heyle, Franklin T.....	Peoria

Hiatt, Alfred H.	Peoria	Riesz, Frances.	Peoria
Hill, Boyd.	Whitewater, Wis.	Riley, Elizabeth.	Anadarko, Okla.
Hill, Charles F.	Whitewater, Wis.	Riley, Ellen B.	Anadarko, Okla.
Hill, Emma B.	Whitewater, Wis.	Robinson, William.	Peoria
Hoffman, Harriett E.	Peoria	Robison, Myrtle Iona.	Peoria
Hunter, Mrs. Abbie A.	Peoria	Rourke, Agnes.	Lincoln
Hunter, Edith A.	Peoria	Rutherford, Kate.	Peoria
Johnson, Anna.	Quincy	Scales, Nancy S.	St. Louis, Mo.
Kellar, Mrs. Mary E.	Peoria	Selvidge, Robert W., Warrensburg, Mo.	
Kent, Charles W.	Decatur	Siepert, Albert F., Chippewa Falls, Wis.	
Kettle, Joseph.	Peoria	Smith, Mary C.	Peoria
Lamb, Charlie.	Cape Girardeau, Mo.	Smith, Robert J.	Ruston, La.
Lawrence, Clova A., Terre Haute, Ind.		Stookey, Wm. B., Niagara Falls, N. Y.	
Littlewood, Proctor.	Peoria	Stull, Spencer C.	Crisfield, Md.
Livingston, Clifford E., Huntington, Ind.		Tanton, Francis, Alvinston, Ont., Can.	
Mansfield, Harold W., Hesperia, Mich.		Tjaden, Anna H.	Peoria
McGinnis, John W.	Quincy	Townsend, C. Curtis.	Keokuk, Ia.
Minton, John P.	Peoria	Uhr, Adolph.	San Antonio, Texas
Morris, George M., Nantucket, Mass.		Voigt, Lena.	Peoria
Nicaise, Mrs. Georgie.	Peoria	Webster, Charles D., Bay City, Mich.	
O'Brien, Edna M.	Morton	Whiting, William T., Jr.	Peoria
Paul, George F.	Peoria	Willard, William F.	Berwyn
Paul, Joseph W.	Forest City	Williams, Gertrude H.	Peoria
Pedrick, Richard W.	Peoria	Wodetzky, Anna C.	Lincoln

SUMMARY OF STUDENTS

	YOUNG MEN	YOUNG WOMEN	TOTAL
Graduate. ....	...	3	3
College.	39	41	81
Higher Academy.	76	63	138
Lower Academy.	96	68	164
Unclassified.	3	13	16
Summer School.	38	32	70
	252	219	472
Horological Department (see Horological Catalogue.	134	2	136
	380	221	608
Deduct names counted twice.			7
			601

RESIDENCE OF STUDENTS

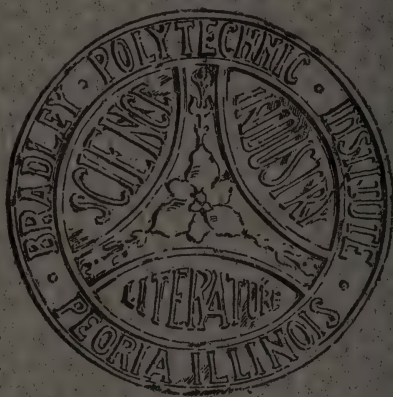
School of Arts and Sciences:		
From Peoria.	331	
From Illinois (outside of Peoria)	95	
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Horological Department:		
From Peoria.	2	
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REGISTRAR'S OFFICE

*Bradley Polytechnic
Institute*

1906-07



HOROLOGY HALL

BRADLEY HALL

BRADLEY POLYTECHNIC INSTITUTE
PEORIA, ILLINOIS
FOUNDED IN 1897

Bradley Polytechnic Institute

IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO

The School of Arts and Sciences

BRADLEY HALL

Register 1906-1907
Announcements for 1907-1908

PEORIA, ILLINOIS
MAY 1907

CALENDAR FOR 1907-1908

September 24.....TuesdayAutumn Quarter Begins
October 8.....TuesdayFounder's Day
October 24.....ThursdayParents' Meeting
November 8FridayAnnual Lecture Course Begins
November 28 and 29 Thursday and FridayThanksgiving Holidays
December 20.....FridayAutumn Quarter Ends

CHRISTMAS VACATION

January 2.....ThursdayWinter Quarter Begins
January 23.....ThursdayDay of Prayer for Colleges
February 22SaturdayWashington's Birthday
March 20FridayWinter Quarter Ends
March 23MondaySpring Quarter Begins
March 26ThursdayParents' Meeting
April 10.....FridayAnnual Spring Concert

APRIL 18 TO APRIL 26, SPRING VACATION

May 30Saturday.....Memorial Day
June 12Friday evening.....Open Night
June 17Wednesday.....Work of Spring Quarter Ends
June 18Thursday.....Class Day
June 19Friday.....Convocation Day

HISTORICAL SKETCH

MR. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. To assist in forming their plans they visited together a number of educational institutions, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later Mrs. Bradley took the matter up and formulated her wishes substantially as they are now expressed in the constitution of the Institute. It has been her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the advice of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for building and equipment; she has since largely increased the funds for these purposes.

Work was begun April 10, 1897, upon two buildings, Bradley Hall, devoted to general education, and Horology Hall, where instruction is given in Watchwork, Jewelry, Engraving and Optics. These buildings were occupied in October and November respectively. School work was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall, and this date has been observed annually with appropriate exercises. In 1904 a station of the United States Weather Bureau was established in a building erected by the Government at the north end of the campus.

This catalogue contains the records of the tenth year, and the announcements for the eleventh year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY	Peoria
<i>President</i>	
LESLIE D. PUTERBAUGH	Peoria
<i>Vice-President</i>	
HARRY A. HAMMOND	Wyoming
<i>Secretary</i>	
HARRY PRATT JUDSON	The University of Chicago
RUDOLPH PFEIFFER	Peoria
ZEALY M. HOLMES	Mossville
ALBION W. SMALL	The University of Chicago

COMMITTEES

<i>Finance</i>	MESSRS. BAILEY, HAMMOND AND PFEIFFER
<i>Buildings and Grounds</i>	MESSRS. BAILEY, SMALL AND PUTERBAUGH
<i>Faculty, Curriculum and Equipment</i>	MESSRS. JUDSON, SMALL AND HOLMES

THEODORE C. BURGESS	<i>Director of the Institute</i>
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FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1906-1907

OFFICERS OF ADMINISTRATION

THEODORE C. BURGESS	<div> <div></div> <div> <i>Director of the Institute.</i> <i>Dean of College and Higher Academy</i> </div> </div>
HELEN BARTLETT	<i>Dean of Women</i>
CHARLES TRUMAN WYCKOFF	<i>Dean of Lower Academy</i>
CLARENCE ELMER COMSTOCK	<i>Recorder</i>
EUGENE CORRIE	<i>Secretary</i>

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B. Hamilton College, 1883; A. M., *ibid.*, 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek, University of Chicago, Summers, 1900-05; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharpe Manufacturing Co. and Putnam Machine Co., 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers College, New York City, 1891-7; Editor of *Manual Training Magazine*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

HELEN BARTLETT, Ph.D., *Professor of Modern Languages.*

Student in Berlin, 1882-4 and 1890; Teacher of German, Peoria High School, 1884-9; Assistant Principal, 1887-9; Student Newnham College, University of Cambridge, England, 1889; A. B. Bryn Mawr College, 1892, A. M., 1893; Ph. D. *ibid.*, 1896; Graduate Student in English and German, Bryn Mawr College, 1892-5; Fellow in English, *ibid.*, 1893-4; Holder of the American Fellowship of the Association of Collegiate Alumnae, 1894-5; Instructor in German, Portland Academy, Portland, Oregon, 1896-7; Student at University of Berlin, Spring and Summer, 1905; Assistant Professor of Modern Languages, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B., Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor in English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1901-3; Graduate Student of History and Political Science, University of Chicago, 1894-96; Fellow, *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-1904.

CLARENCE ELMER COMSTOCK, A.M., *Assistant Professor of Mathematics.*

A. B., Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-94; A. M., Knox College, 1891; Graduate Student in Mathematics, Johns Hopkins University, 1892-3, 1894-5; University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902.

FREDERIC LENDALL BISHOP, Ph. D., *Assistant Professor of Physics.*

Student, Literature and Language, Boston University, 1894-5; S. B., Massachusetts Institute of Technology, 1898; Graduate Student, *ibid.*, Summer, 1898; Graduate Student in Physics, University of Chicago, Summer, 1900; Winter and Spring, 1905; Ph. D., *ibid.*, 1905; Associate in Physics, Bradley Institute, 1898-1900; Instructor, *ibid.*, 1900-1903.

WALES HARRISON PACKARD, S.B., *Assistant Professor of Biology.*

S. B., Olivet College, 1894; Fellow in Zoology, University of Chicago, 1895-8; Instructor in Zoology, Marine Biological Laboratory, Woods Holl, Mass., Summers, 1895-99; Research Work, *ibid.*, Summers 1905-6; Instructor in Physiology, University of Chicago, Summer, 1903; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-1904.

ALICE DYNES FEULING, S.B., *Assistant Professor of Domestic Economy.*

Student, State Normal School, Oshkosh, Wis., 1881-5; Teacher Wisconsin Public Schools, 1881-9; Student Cornell University, 1893-5; Principal Morton Park School, Chicago, 1895-7; S. B., University of Chicago, 1900; Teacher of Domestic Science, University of Chicago, Laboratory School, 1900; Head of the Department of Domestic Science, State Agricultural College, South Dakota, 1900-3; Dean of Women, *ibid.*, 1903; Instructor in Home Economics, College of Education, University of Chicago, Summer Quarter, 1903, 1904; Teacher of Domestic Science, School of Education, *ibid.*, 1903-4.

GEORGE CROMWELL ASHMAN, M.S., *Assistant Professor of Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, *ibid.*, 1895-6; Teacher Physics and Chemistry, Frankfort, Ind., High School, 1896-1901; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901; Graduate Student, University of Chicago, Summers, 1897-1900; M. S., *ibid.*, 1905; Associate in Chemistry, Bradley Institute, 1901-3; Instructor, *ibid.*, 1903-5.

MARGARET McLAUGHLIN, A.M., *Instructor in English*

Student, National Normal, Lebanon, Ohio, 1888-1892; A.B., *ibid.*, 1890; L. L. B. by examination before committee of Supreme Court of Ohio, 1892; Instructor in English, National Normal, Lebanon, Ohio, 1896-1901; Lewisville Academy, Lewisville, Texas, 1901-2; Graduate Student, Yale University, 1902-4; University of Chicago, 1904-5; A. M., *ibid.*, 1905.

CLINTON SHELDON VANDEUSEN, M.E., *Instructor in Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-98; Associate in Manual Arts, Bradley Institute, 1898-1904.

LOUIS CLARK PLANT, Ph. M., *Instructor in Mathematics.*

Ph. B., University of Michigan, 1897; Teacher, Michigan Public Schools, 1889-1892; Graduate Student, University of Chicago, 1897-8, *ibid.*, Summers 1899, 1900, 1902, 1905; Ph. M., *ibid.*, 1904; Assistant in Mathematics, Bradley Institute, 1898-1900; Associate, *ibid.*, 1900-4.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy,*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, O.; Worthington Hydraulic Works, New York, and Pittsburg Locomotive Works, Pittsburg, Pa. For six years Mechanician, Department of Experimental Engineering, Cornell University. Assistant in Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1901-4.

ADELAIDE MICKEL, *Assistant in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student, Harvard University, Summer, 1902.

MARY BATES BLOSSOM, *Assistant in German and French.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Student, University of Chicago, Summers, 1903-4; Student, Guilde Internationale and Sorbonne, Paris, 1905-6.

FREDERICK HUSTON EVANS, M.E., *Assistant in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4; with Link Belt Machinery Co., Chicago, Summer, 1905; M. E., State College of Kentucky, 1906; Draftsman on Union Stock Yards Power Plant for Sargent & Lundy, Chicago, Summer, 1906.

EUGENE CORRIE, S. B., *Assistant in Mathematics.*

S. B., McKendree College, 1904; Student Tutor, Political Economy, 1902-4; Physiography, McKendree College, 1903-4; Teacher Public Schools, Lawrenceville, Ill., 1904; Graduate Student, University of Chicago, Summer, 1905.

DOROTHY DUNCAN, A.B., *Assistant in German and Latin.*

A. B., University of Chicago, 1904; Student at the University of Berlin, 1904-5.

BERTHA MAY SCULLIN, A. B., *Assistant in Domestic Economy.*

Student Assistant in Domestic Economy, Bradley Institute, 1902-3; Graduate, *ibid.*, 1903; A. B., University of Chicago, 1906.

GEORGE R. COFFMAN, A.B., *Assistant in English.*

A. B. Drake University, 1903; Student Tutor, Greek, 1901-1903; Teacher Public Schools, Moulton, Iowa, 1903-4; Instructor in English, East High School, Des Moines, Iowa, 1904-6; Graduate Student, University of Chicago, Summer, 1905-6; Reader in English, University of Chicago, Summer, 1906.

FRANK CRIERIE, *Assistant in Drawing.*

Graduate Massachusetts Normal Art School, 1905; Student under Philip Hale, Art Museum, Worcester, Mass., 1897-9, 1901-4; Graduate Boston Evening Drawing School; Student under Laurin Martin in Arts and Crafts Work, 1904-5; Teacher, Boston Public Schools, 1905; Illustrator for Richards Publishing Co., Boston, Mass., 1906.

MELVIN DEFOREST RENKENBERGER, A.B., *Assistant in Biology.*

A. B., Wabash College, 1906; Teacher Public Schools, Noble Co., Ind., 1895-8; Principal Township High School, La Otto, Ind., 1898-1903.

IVA FRANCES ROCKWELL, A. B., *Assistant in Latin and Greek.*

Graduate Bradley Institute, 1904; A. B., University of Chicago, 1906.

MARTHA SHOPBELL, B.S., *Assistant in Domestic Economy.*

B. S., University of Wisconsin, 1899; Teacher in Wisconsin High Schools, 1899-1902; Student Pratt Institute, 1902-4; Graduate, Normal Domestic Science Course, *ibid.*, 1904; Teacher, New York City Vacation Schools, 1903-4.

KATHERINE FEDORA WALTERS, A.B., *Assistant in Ancient Languages.*

M. Di., Iowa State Normal School, 1904; A. B., University of Michigan, 1906; Teacher High School, Grand Junction, Iowa, 1898-9; Principal High School, Eldora, Iowa, 1899-1900; Teacher, Keokuk, Iowa, 1900-1; Cedar Falls, Iowa, 1901-4.

JAMES ELLSWORTH EWERS, *Assistant in Physiography.*

Graduate Indiana State Normal School, 1895; Purdue University, 1895-6; Graduate Student, Indiana State Normal School, Winter, 1897; Principal High School, Maple Grove, Ind., 1897-1902; Abington, Ind., 1902-3; Dublin, Ind., 1904-6; Instructor in Physiography, High School, Anderson, Ind., 1903-4; Indiana State Normal School, Spring Term, 1897-1903, 1906.

DEWEY ALSDORF SEELEY, B.S., *Lecturer in Meteorology.*

B. S., Michigan Agricultural College, 1898; Assistant Observer, U. S. Weather Bureau, Lansing, Mich., 1898; Albany, N. Y., 1898-9; Philadelphia, Pa., 1899-1900; Chicago, Ill., 1900-3, and First Assistant, Chicago, Ill., 1903-5; Observer U. S. Weather Bureau, Peoria, Ill., 1905.

STUDENT ASSISTANTS

GROVER C. BAUMGARTNER, *Mathematics*

WILLIS B. COALE, *Chemistry*

EDWARD A. CUSHING, *Physics*

GLEN M. EBAUGH, *Metalworking*

ELEANOR ELLIS, *English*

JANET GRANT, *Drawing*

JOSEPH W. HARRIS, *Chemistry*

GRACE E. HAUKE, *English*

HELEN S. MILLS, *Chemistry*

OTHER OFFICERS

J. L. CADWALLADER, *Cashier*

JOSEPHINE O. CLINE, *Stenographer*

S. D. LYMAN, *Superintendent of Buildings and Grounds*

HOMER M. BOTTS, *Engineer*

ADMISSION

Entrance.—Graduates of the eighth grade of the Peoria public schools, of the graded schools of Peoria County, and such other grammar schools as the Institute may approve, will be admitted to the first year of the Lower Academy without examination. Such students should present a diploma or certificate of graduation. Other applicants must present a statement of work done, signed by the Principal, and pass an examination in *Arithmetic, English, Grammar and Composition, Geography, American History*. A solid foundation in *Arithmetic* and *English* is especially desirable. Examinations for entrance to the first year will be held on any Saturday in July or September, in Bradley Hall, provided application is made by letter to the Institute beforehand.

Admission to Advanced Standing.—Graduates and students who have done work in high schools, academies and colleges, will be admitted on presentation of a certificate of the kind, amount and grade of work completed by the applicant, together with the titles of textbooks used and time spent upon each subject. A blank form for this statement will be furnished to school officials and prospective students upon application to the Director. Upon the basis of this statement, the student will be assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, the credits from his former school will be accepted in so far as they cover the work of the Institute.

Admission to the College.—Graduates of the Peoria High School and other schools of equal grade may be admitted to the College in the Science, Literature and Classics groups upon the plan of entrance requirements in force at the University of Chicago.

Admission of Unclassified Students.—Students of mature age who for sufficient reasons do not wish to pursue a regular course, may be admitted without examination or certificate. They are known as unclassified students.

References.—Every student will be required to furnish the names of two or more persons to whom the Institute may apply for information concerning the student.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.

CURRICULUM

THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Trade or Technical Work. (2) Advanced Study in a College, University, or School of Engineering. (3) Professional Study in Law or Medicine. (4) Teaching Manual Training or Domestic Science.

Divisions: The six years of study are divided into three two-year periods, as follows:

The Lower Academy (First and Second Years).

The Higher Academy (Third and Fourth Years).

The College (Fifth and Sixth Years).

1.—LOWER ACADEMY, *corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is nearly the same in all groups. The most important exception is the Mechanic Arts, where earlier specialization is necessary.

2.—HIGHER ACADEMY, *corresponding to the last two years of a High School Course.* When the Student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—COLLEGE, *corresponding (according to the group) to the Freshman and Sophomore years in a College, University or Engineering School.* In the College the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading colleges and universities, such as Vassar, Wellesley, Smith, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mt. Holyoke, Cornell, Wisconsin, Michigan, Chicago and other universities of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group, where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. SCIENCE GROUP, which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. ENGINEERING GROUP, which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. CLASSICS GROUP, which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. LITERATURE GROUP, which is especially strong in Modern Languages and Latin. It prepares students for the third year of college courses leading to the degree of Ph. B. or B. L.

5. MECHANIC ARTS GROUP, which is designed to meet the demand for training that fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. Owing to the fact that

this group is specialized from the beginning, applicants for admission to it may be required to present the written permission of their parents. When desired, this line of work may be continued under direction of the Faculty two years longer, thus making it a six-year group.

Combination Group.—Literature-Science. Students may take the Literature Group in the Higher Academy and the Science Group in the College and receive the same degree as that granted students who have completed the Science Group.

TEACHERS' COURSES IN MANUAL TRAINING AND DOMESTIC ECONOMY

I. A COURSE PREPARATORY TO TEACHING MANUAL TRAINING.

Requirements for admission:

(a) *Four Years of Approved Academic Work.*

This Academic work should include English, Mathematics, Foreign Language, Science and History. It should also include, if possible, work in (a) Freehand Drawing, and (b) Woodwork and Mechanical Drawing.

Those who fail to present (a) and (b) may supply this lack by taking courses in the summer school (July 1-Aug. 3), or these and any other Academic subjects lacking may be taken in the regular classes of the Institute.

(b) *Collegiate Study*, covering a period of at least one year.

Teaching experience may be accepted in individual cases as partial or complete substitute for this collegiate study.

A certificate will be given those who present these requirements and also complete the following:

1. Organization of Manual Training 34 (*One Major*).*
2. Manual Training for Elementary Schools 33 (*Two Majors*).
3. Woodworking 31 (*Three or Two Majors*).
4. Metalworking 2 (*Two Majors*).
5. Drawing 32 (*Two Majors*).
6. Design 20 (*One Major*).
7. Textiles, Domestic Economy 13 (*One Major*).

Candidates who have already taken considerable work in Drawing may substitute Framing and Wood-turning 5, Pattern-making 6, and

*A major means twelve weeks' work with five recitations a week.

Cabinet-making 7 (*Three Majors in all*), for Drawing 32 (*Two Majors*), and Woodworking 31 (*One Major*). (The numbers after courses are those of Department statements.)

In special cases the following substitutions will be allowed:

Machine Tool Work 26 for Design 20, or for Manual Training for Elementary Schools 33.

Freehand Drawing 12 for Design 20, and Textiles 13.

Freehand Drawing 13 or Drawing from the Antique and Figure Composition 19 instead of parts of Woodworking 1 and Metalworking 2.

Sewing 7 and Dressmaking 8 instead of Metalworking 2.

This group is especially well suited to those who have already proven their ability to teach other subjects and are now desirous of fitting themselves to teach Manual Training. To those already engaged in teaching that subject it offers new points of view and advanced study. Many students will find it advantageous to spend two years in this group instead of one. This will enable them to broaden their preparation for teaching by adding several elective courses not named above, and in some cases it will be possible to secure both the Manual Training certificate and a diploma of the Institute. Courses taken in the Summer School (see summer circular) may be counted toward a certificate, and in exceptional cases, the certificate may be given for summer work only. Every application will be considered upon its merits.

II. A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four Years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong laboratory courses in each, and if possible Drawing, should be included in the high school course. Any high school subjects which are lacking may be taken at the Institute. This, of course, would mean that a longer time would be needed to complete the work required for a certificate. College graduates who have had some technical training may complete the course in one year.

A certificate is granted to all who present the requirements for admission and complete the following:

1. Cooking 4 (*Three Majors*).
2. Design, Manual Arts 20 (*One Major*).
3. Plain Sewing 7 (*Two Majors*).
4. Textiles 13 (*One Major*).
5. Sanitation 6 (*One Major*).

6. Home Decoration and Art Needlework 10 (*One Major*).
7. Chemistry of Foods, Chemistry 3 (*One Major*).
8. Food and Dietetics 5 (*Two Majors*).
9. Human Physiology, Biology 4 (*Two Majors*).
10. Bacteriology, Biology 5 (*One Major*).
11. Household Administration 11 (*One Major*).
12. Dressmaking 8 (*One Major*).
13. Emergencies, Home Nursing and Invalid Cooking 12 (*One Major*).
14. Teaching of Domestic Economy 14 (*One Major*).

(The numbers after the courses are those of Department Statements).

Those who present four years of Academic work including Physics and Chemistry should be able to secure the certificate in two years. During these two years 24 majors should be completed; the 19 required majors are specified above, leaving 5 majors for elective work which should be preferably in subjects outside of Science or Domestic Economy. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the certificate in a shorter time.

Those who have completed the Science, Literature or Classics Groups at the Institute may secure the certificate by one year's additional work.

PROGRAM OF STUDIES

		AUTUMN	WINTER	SPRING
		Organization of Manual Training and Manual Training for Elementary Schools Drawing 32 Woodworking 31 Metalworking Design	Organization of Manual Training and Manual Training for Elementary Schools Drawing 32 Woodworking 31 Metalworking Design	Organization of Manual Training and Manual Training for Elementary Schools Drawing 32 Woodworking 31 Metalworking Textiles
Manual Training	FIRST YEAR			
	Domestic Economy	Plain Sewing Cooking Biology 4 Chemistry 2	Plain Sewing Cooking Biology 4 Chemistry 2	Dress-making Cooking Bacteriology Chemistry of Foods
		SECOND YEAR		
		Food and Dietetics Design Emergencies Elective	Food and Dietetics Household Administration Home Decoration Elective	Sanitation Textiles Teaching Domestic Economy Elective

PROGRAM OF STUDIES BY QUARTERS

NOTE.—Some studies are followed by the course number used in the department statements, pages 21—45; e. g. English 5 is described on page 29 and Biology on page 22 etc. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
Latin	Latin	Latin
English	English	Botany
Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
Latin ²	Latin	Latin
English ³	English ³	English
Zoology ⁴	Zoology ⁵	Metalworking or Sewing, and Drawing
Metalworking or Sewing, and Drawing	Metalworking or Sewing, and Drawing	

MECHANIC ARTS GROUP**

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
English	English	Botany
Drawing	Drawing	Drawing
Woodworking	Woodworking	Woodworking
Metalworking	Metalworking	Metalworking

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
English ³	English ³	English
Zoology	Zoology	Civics
Mechanical Drawing	Architectural Drawing ⁵	Forging
Framing, Pattern-making	Pattern-making and Foundry	

* Statements about these groups may be found on page 11, 1, 2, 3, 4.

1. Four recitations a week in Fall Quarter.

2. Students intending to enter the Engineering Group may take German in place of Latin.

3. One recitation a week, Fall and Winter Quarters.

4. Those requiring three years German for college entrance may substitute beginning German for Zoology.

5. One hour taken out for English in Winter Quarter.

** Statement about this group may be found on page 11, 5.

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)

	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics 1 Modern Language or Vergil History of Greece Drawing 12	Physics 1 Modern Language or Vergil English 3 Drawing 12	Physics 1 Modern Language or Vergil English 4 Solid Geometry	Chemistry 1 Modern Language Review Algebra Shop or Cooking	Chemistry 1 Modern Language or Cicero English 5 Shop or Cooking	Chemistry 1 Modern Language or Cicero History of Rome Shop or Cooking
Engineering	Physics 1 Modern Language English 3 Drawing 12	Physics 1 Modern Language Solid Geometry History of Greece	Physics 1 Modern Language English 4 History of Rome	Chemistry 1 Modern Language Review Algebra Shop	Chemistry 1 Modern Language English 5 Shop	Chemistry 1 Modern Language Trigonometry Shop
Classics	Vergil Greek 1 Physics 1 History of Greece	Vergil Greek 1 Physics 1 Solid Geometry	Vergil Greek 1 Physics 1 English 3	English 4 Xenophon Review Algebra Shop or Cooking	Cicero Xenophon English 5 Shop or Cooking	Cicero Homer History of Rome Shop or Cooking
Literature	Vergil Modern Language Physics 1 History of Greece	Vergil Modern Language Physics 1 Solid Geometry	Vergil Modern Language Physics 1 English 3	English 4 Modern Language Review Algebra Shop or Cooking	Cicero Modern Language English 5 Shop or Cooking	Cicero Modern Language History of Rome Shop or Cooking
Mechanic Arts	Review Algebra Physics 1 Drawing 12 Shop 26	Solid Geometry Physics 1 Drawing 12 Shop 26	Trigonometry Physics 1 Lettering Shop 26	Steam and Electricity Chemistry 1 Machine Construction Drawing 16	Steam and Electricity Chemistry 1 English 3 Drawing 16	Steam and Electricity Chemistry 1 English 4 Drawing 16



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

PROGRAM BY QUARTERS—CONTINUED

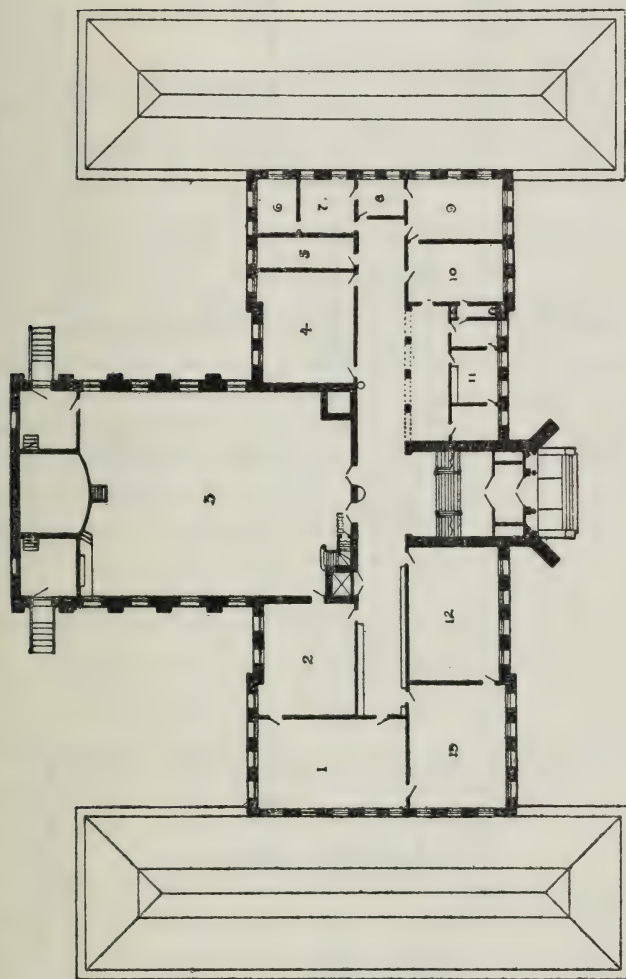
COLLEGE (BY GROUPS)

FIFTH YEAR			SIXTH YEAR			Science
AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING	
Modern Language Biology 3 or Chemistry 2 or Physics 2 Trigonometry Drawing or Cooking	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Dietary Studies	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Sanitation	Physiology College Algebra English 6 Medieval History	Physiology Analytic Geometry English 7 Modern History	Bacteriology Analytic Geometry English 8 Constitutional History	
College Algebra Modern Language English 6 Mechanical Drawing	Analytic Geometry Modern Language English 7 Descriptive Geometry	Analytic Geometry Modern Language Surveying Descriptive Geometry	Physics 2 Calculus Shop Drawing 16 Medieval History*	Physics 2 Calculus Shop Drawing 16 Modern History	Physics 2 Calculus Shop Drawing 16 Constitutional History or Analytic Mechanics	
Modern Language Plato Biology 3 or Chemistry 1 Medieval History	Modern Language Homer Biology 3 or Chemistry 1 Modern History	Modern Language Sophocles Biology 3 or Chemistry 1 Constitutional History	English 6 Cicero Modern Language Drawing or Cooking	English 7 Livy Modern Language Drawing or Dietary Studies	Trigonometry** Horace Modern Language Drawing or Sanitation	Classics
Modern Language Cicero Biology 3 or Chemistry 1	Modern Language Livy Biology 3 or Chemistry 1	Modern Language Horace Biology 3 or Chemistry 1	English 6 Medieval History German 4 Drawing or Cooking	English 7 Modern History German 4 Drawing or Dietary Studies	English 8 Constitutional History Trigonometry** Drawing or Sanitation	

The program of Studies for the Teachers' Courses in Manual Training and Domestic Economy may be found on page 14.

* Those whose plans for future study render it desirable may take Chemistry 2 in place of History (Three Majors.)

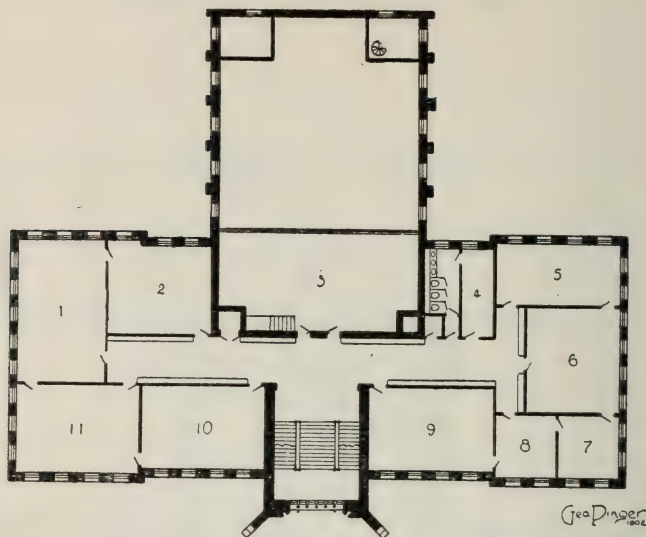
** In place of Trigonometry Classics students may take English 8 and Literature students continue German 4.



FIRST FLOOR

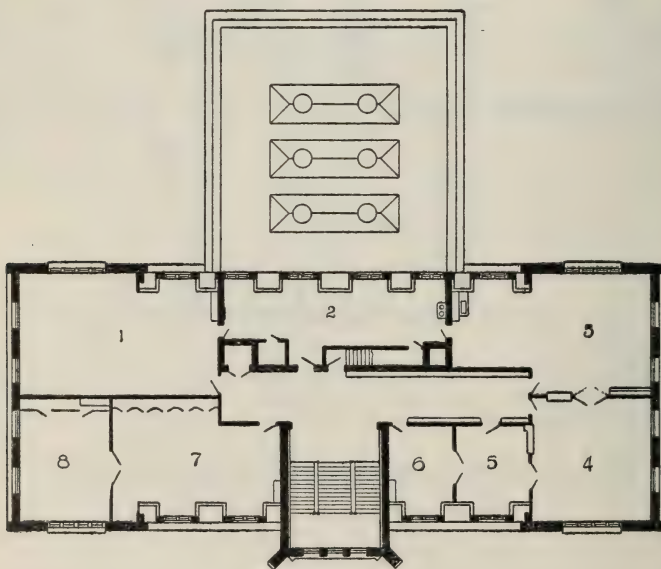
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|---|-------------------------------|----|-------------------|
| 1 | History | 10 | Reception Room |
| 2 | Library | 11 | General Office |
| 3 | Chapel | 12 | Latin |
| 4 | English | 13 | Latin and History |
| 5 | Book Room | | |
| 6 | Office, Dean of Lower Academy | | |
| 8 | Office of the Recorder | | |
| 9 | Office of the Director | | |

BRADLEY POLYTECHNIC INSTITUTE



SECOND FLOOR

- | | | |
|---------------------|---------------------------|----------------|
| 1 Biology | 5 French and Mathematics | 8 Waiting Room |
| 2 Mathematics | 6 Greek | 9 German |
| 3 Gallery of Chapel | 7 Office of Dean of Women | 10 Mathematics |
| | 11 Museum | |



THIRD FLOOR

- | | | |
|----------------------|------------------------|----------------------------|
| 1 Lunch Room | 4 Lecture Room | 6 Office, Domestic Economy |
| 2 Kitchen | 5 Practice Dining Room | 7-8 Sewing |
| 3 Cooking Laboratory | | |

DEPARTMENTS

BIOLOGY

THIS department aims to present, in so far as limited time permits, both the practical and the important theoretical sides of Biology. It makes especial effort to give good training to students preparing to enter the study of medicine.

The laboratories are equipped with dissecting and compound microscopes, microtomes, glassware, aquaria and other instruments and supplies needed for Biological work. For the Physiological and Bacteriological work in the College, there are duplicate sets of the Harvard physiological apparatus, kymographs, a spring myograph, Mosso's ergograph, electric centrifuge, considerable apparatus for the study of circulation and respiration, apparatus for the study of the blood and urine, a Reichert polariscope for the study of sugar, steam and hot air sterilizers, incubator, models of the eye, ear, etc., and a full line of supports and re-agents. For Zoology there is a good collection of Leuchart's charts, prepared skeletons of the representative groups and a considerable collection of demonstration material, including a collection of shells and corals presented to the Institute by several gentlemen of Peoria, a collection of insects from the University of Illinois, and all mounted birds, mammals and other biological collections of the Peoria Scientific Association. For botany, the laboratory has a herbarium presented by Miss Heading, of Peoria, and all other demonstration material and apparatus needed for the course given. The laboratory also has an electric stereopticon with microscopic attachment and a growing collection of slides.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the more representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made. A Biological club has been formed. It has been studying the general topic of evolution during the year.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological experiments performed by the students. The compound microscope is used for demonstration, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observation and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week.

COLLEGE

3. *General Biology (Three Majors)*. This course is designed primarily for students who are preparing for medicine, but it is open also to other students. Typical forms of animals and plants studied with reference to their anatomy and physiology, the design of the course being a study of their structure and function, rather than their systematic position. It is aimed to give the student a broad conception of the general principles of Biology including a discussion of such problems as heredity, variation and adaptation. The concluding lectures deal with the theory of organic evolution. Introductory work with the compound microscope, including the technic of slide preparation. Lectures and laboratory, ten hours a week.

4. *Human Physiology (Two Majors)*. The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general students as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science.

Prerequisite, Elementary Chemistry. Lectures and laboratory, ten hours a week.

5. *Bacteriology (One Major)*. The general methods of Bacteriology with sanitary and industrial applications. The general biology of bacteria and cultivation and systematic study of the common non-pathogenic and a few pathogenic organisms and their effects. Hygienic aspects of Bacteriology, testing of disinfectants, bacteriological examination of water, air, soil, milk, etc. Discussion of the problems of Water Supply and Public Health. Lectures and laboratory, ten hours a week.

CHEMISTRY

The aim of the department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in every-day life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to enable the student to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The laboratory has also complete equipment for electrolytic analysis, analysis of water, gas analysis, analysis of iron and steel, and assaying.

HIGHER ACADEMY AND COLLEGE

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements and compounds of oxygen, hydrogen, water,

chlorine, hydrochloric acid, atomic theory, nitrogen and ammonia. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of the non-metallic elements, the halogen, sulphur and nitrogen groups, valence, solution and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be able to identify any simple salt, and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week. Prerequisite, Physics 1, or its equivalent.

COLLEGE

2. *Advanced General Chemistry and Qualitative Analysis (Two Majors)*. (a) The lectures and recitations on advanced general chemistry deal with the subject as presented in Ostwald's Principles of Inorganic Chemistry; study of the theory of solution, electrolytic dissociation, hydrolytic dissociation, mass action and chemical equilibrium, three hours a week. In the laboratory, reactions of basic and acidic ions, analysis of mixtures, seven hours a week.

(b) Same as (a); Analysis of complex mixtures, ores, and compounds of rare elements. Lectures and laboratory, ten hours a week.

(c) *Organic Chemistry and Elementary Quantitative Analysis (One Major)*. Organic Chemistry, aliphatic series, three hours a week. Analytical chemistry, methods in gravimetric, volumetric and electrolytic determinations, seven hours a week. Prerequisite, Chemistry 1.

3. *Chemistry of Foods. (One Major)*. Organic Chemistry three hours a week. Lectures and laboratory work in the examination and testing of food materials, seven hours a week. Prerequisite, Chemistry 2, (a) and (b).

4. *Special Methods in Advanced Analysis (Three Majors)*. Analysis of ores, water analysis, proximate food analysis, analysis of iron and steel, electrolytic methods. Prerequisite, Chemistry 1 and 2.

DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in Domestic Economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of Domestic Economy.

LOWER ACADEMY

1. *Sewing (Two Majors)*. Book and models covering the full course in hand sewing, consisting of basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing of garments.

4. *Cooking (Three Majors)*. This course aims to teach the fundamental principles of cooking. There are also lessons in the selection and relative values of food materials found in the local markets. Laboratory work in cooking in small and large quantities.

COLLEGE

5. *Food and Dietetics (Two Majors)*. The principles of diet, the relation of food to health, study of dietaries for school children, adults and old people, making of standard dietaries at specified cost, special problems in the preparation of those dietaries in the most economical manner. Lectures, recitations and laboratory work.

6. *Sanitation (One Major)*. Study of home sanitation with discussions of situations, soil and drainage of land, observation and study of buildings, construction, ventilation, heating, lighting and plumbing. Lectures, recitations, field work and laboratory work.

Prerequisite, Chemistry 1.

PRIMARILY FOR TEACHERS

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of under garments, a shirt waist and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. A complete course in scientific cooking, including the principles involved in the preparation of the various classes of foods, a study of cook books, U. S. government bulletins and reference books, lessons in marketing and serving, laboratory work in cooking in small and large quantities.

Prerequisite, Chemistry 1.

10. *Home Decoration and Art Needlework (One Major)*. Evolution of the house and the homes of primitive peoples, the application of color in home decoration, study of materials in home furnishing and their values from the aesthetic and utilitarian standpoints. Lectures, laboratory and assigned readings.

Prerequisite, Manual Arts 20.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, service, home industries, special problems assigned. Lectures, recitations and assigned readings.

Prerequisite, Domestic Economy 6 and 9.

12. *Emergencies, Home Nursing and Invalid Cooking (One Major)*. What to do in cases of emergencies, as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

Prerequisite, Domestic Economy 9.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The laboratory work includes spinning, weaving, dyeing, and basketry. A variety of materials is used, special stress being laid upon local materials. Lectures, readings, laboratory and field work.

Prerequisite, Manual Arts 20.

14. *Teaching of Domestic Economy (One Major)*. The teaching of the various branches of Domestic Economy in elementary and high schools, correlation with other studies in the curriculum. Planning courses of study for specific schools. Lectures, recitations and assigned readings.

Prerequisite, Domestic Economy 7-13.

ENGLISH

The work of the Department of English has four general aims: 1—Power to speak and write well. 2—An intelligent love of good literature. 3—A knowledge of the laws which govern expression of thought by words. 4—Familiarity with the chief facts of the history of the English language and literature.

To accomplish the first of these ends, effort is made to improve the every-day spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and to avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the History of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the

very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

0. (a) *Study of Literature*: "Kidnapped," or "Treasure Island."

(b) *Composition*: Short Narrations and Descriptions; special attention to spelling, punctuation and sentence structure (*One Major*).

1. (a) *Study of Literature*: "The Lady of the Lake;" Gayley and Flaherty's "Poetry of the People;" "Last of the Mohicans;" "Julius Caesar."

(b) *Composition*: Same as course 0 (b) Weekly Themes (*One Major*).

2. (a) *Study of Literature*: "The Merchant of Venice;" "The Ancient Mariner;" "The Vision of Sir Launfal."

(b) *Composition*: More advanced work along same line as in Course 0 (b), with additional attention to correct and effective use of words, review of fundamental principles. Weekly Themes. (*One Major*).

Prerequisite, Course 1.

In addition to Course 2, second-year students take English one hour per week for two quarters. This consists of Irving's "Oliver Goldsmith," Goldsmith's "Vicar of Wakefield," his poems and plays.

HIGHER ACADEMY

3. (a) *Study of Literature*: "Macbeth," "Idylls of the King," "Ivanhoe;" Selections from the lyrics in Pancoast's "Standard English Poems."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly. (*One Major*).

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration, with introductory study and practice in exposition; themes twice a week. Study of "Speech on Conciliation with America," selections from Sir Roger de Coverley Papers, and Macaulay's Essays on Johnson and Addison, with special attention, in connection with the theme work, to rhetorical elements. (*One Major*.)

Prerequisite, Course 3.

5. *Study of Literature (One Major)*. "The Tempest," "L'Allegro," and "Il Penseroso;" "Paradise Lost," Books I and II; Macaulay's Essays on Milton, selected poems of Burns; Carlyle's "Essay on Burns;" "The Princess;" "Silas Marner." Special attention is given in the history of literature to the periods of Shakespeare and Milton.

Prerequisite, Course 3.

COLLEGE

6. *Rhetoric and Composition (One Major)*. A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition and argument. Themes required weekly.

Prerequisites, Courses 4 and 5.

7. *English Literature (One Major)*. Introductory study of the history of the English language and literature, with accompanying study of selected poetry and prose.

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition (One Major)*. Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style.

Prerequisite, Course 6.

GERMAN AND FRENCH

I. GERMAN

The aim of Courses 1 and 2 is the acquisition of a large vocabulary and of such knowledge of the structure of the language as will enable the student to translate at sight German of moderate difficulty. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode, and the simpler idioms. Frequent practice in conversation and in translation from English into German familiarizes the pupil with ordinary colloquial German. Courses 3 and 4 extend the student's acquaintance with the best modern German prose as well as with the literary movements of the eighteenth century. Course 2 (b) is especially adapted to those who desire facility in translating prose, so that they may refer directly to the works of modern German scientists.

HIGHER ACADEMY OR COLLEGE

1. *German Grammar*. Leander, *Träumereien*; Storm, *Immensee*. Translation at sight is introduced as early as practicable. (*Three Majors*).

2. (a) Thomas, *Practical German Grammar*, Part I; Bernhardt, *German Composition*. The texts read are the following or equivalents: Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Heyse, *L'Arrabbiata*; Benedix, *Einer muss heiraten*. Sight translation of simple prose, colloquial practice.

(b) Dippold, *Science Reader*. (*Three Majors*.)

COLLEGE

3. (a) Thomas, *German Grammar*, selections from Part II; Jagemann, *German Syntax, Prose Composition*.

(b) The texts read are the following or equivalents: Rosegger, *Waldheimat*; Freytag, *Karl der Grosse*; Sudermann, *Frau Sorge*; Goethe, *Iphigenie*. Sight translation; reproduction of narrative prose, oral and written; much colloquial practice. (*Three Majors*).

4. Critical reading of representative works of *Lessing*, *Goethe* and *Schiller*; such as, Goethe, *Hermann und Dorothea* (private reading), *Egmont*, selections from *Dichtung und Wahrheit*; Lessing, *Emilia Galotti*, *Nathan der Weise*; or Schiller, *Maria Stuart*, *Wallenstein*, selections from *Der dreissigjährige Krieg*. Lyrics and ballads. A careful study of the above authors, together with themes in German on subjects suggested by the course. Colloquial practice. (*Three Majors*.)

II. FRENCH

In the first year of this course, special stress is laid upon the principles of grammar and composition. Reading of easy prose, frequent dictation, memorizing French, and practice in conversation aid the student in understanding both written and spoken French.

In the second year, the study of the grammar is continued together with more advanced composition. The reading includes some of the works of modern authors as well as some of the classic dramas of the seventeenth century. Rapid sight-reading, conversational practice, dictation, and memorizing French form an important part of the course.

HIGHER ACADEMY OR COLLEGE

1. Fraser and Squair, *French Grammar*; François and Giroud, *Easy French*; François, *French Prose Composition*, Part I; Daudet, *La Belle Nivernaise*. (*Three Majors*.)

2. Fraser and Squair, *French Grammar*; Bouvet, *Syntax and Composition*; François, *French Composition*, Part II. The texts read are the following or equivalents: Erckmann-Chatrian, *Le Conscrit de 1813*; Augier, *Le Gendre de M. Poirier*; Malot, *Sans Famille*; Maupassant, *Huit Contes Choisis*; Molière, *Le Bourgeois Gentilhomme*; Sandeau, *Mlle. de la Seglière*; Pailleron, *Le Monde où l'on s'ennuie*. (*Three Majors*.)

HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

2. *Civil Government*. (*One Major*.) An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

HIGHER ACADEMY

3. *Greek History*. (*One Major*.)

4. *Roman History*. (*One Major*.)

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history. Causes leading to the transition to the medieval age.

COLLEGE

5. *The Medieval Period*. (*One Major*.) The Franco-Roman Reorganization of Europe. Feudalism. The conflict between the Empire

and the Papacy. The development of national states. The reflex influence of the Crusades on Europe. The Renaissance.

Prerequisite, Course 4.

6. *The Modern Period. (One Major.)* The Reformation and age of Religious Wars. Europe under Bourbon and Hapsburg. The rise of Prussia and Russia. The Expansion of England. The French Revolution and Napoleonic Era. Europe after 1815.

Prerequisite, Course 5.

7. *Topics in the Constitutional History of the United States. (One Major.)* This course gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Note: A valuable collection of public documents affords especial facilities for the work of this course.

LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; Cæsar, *Gallic War*; Eutropius, *Roman History*; Nepos, *Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the College a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin, however, still forms the substantial part of the work. Close attention



COOKING LABORATORY



SEWING ROOM



A CLASS IN VERGIL



A CLASS IN GEOMETRY

is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses translation at sight will form a part of the work. Each student will be encouraged to do work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons.* (*Three Majors.*)
2. *Cæsar and Prose Composition.* (*Three Majors.*)

HIGHER ACADEMY

3. *Vergil.* (*Three Majors.*)
4. *Cicero, Orations; prose Composition.* (*Two Majors.*)

COLLEGE

5. (a) *Cicero, De Senectute; Terence, Phormio.* (*One Major.*)
(b) *Livy, Book I or XXI.* (*One Major.*)
(c) *Horace, Odes.* (*One Major.*)

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

II. GREEK

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Especial attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompanies the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected department library.

HIGHER ACADEMY

1. *Elementary Greek (Two Majors)*. Xenophon, *Anabasis*, Book I; Prose Composition. (*One Major*.)

2. (a) Xenophon, *Anabasis*, Books II and III, and Book IV, or selections from Xenophon, *Hellenica (Two Majors)*. Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books. (*One Major*.)

COLLEGE

3. (a) Plato, *Apology* and *Crito*. (*One Major*.)

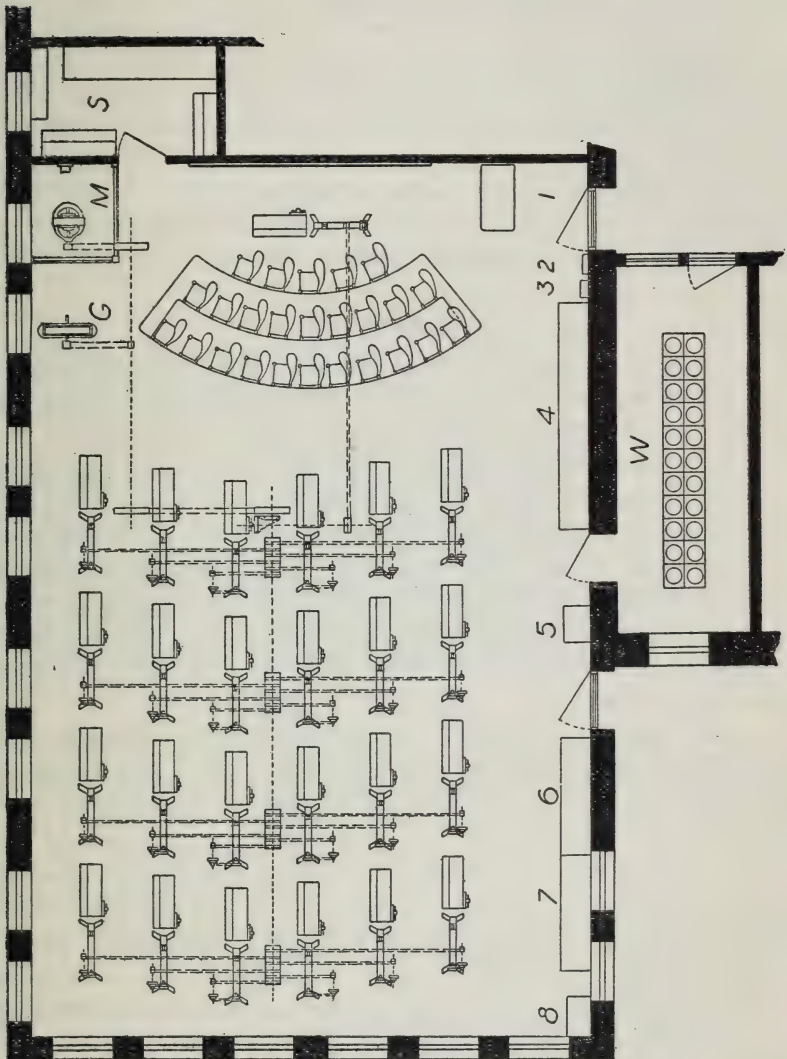
(b) Homer, about 12 books of the *Odyssey*. (*One Major*.)

(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alcestis* or *Medea*; Sophocles, *Antigone*. (*One Major*.)

Exercises in writing Greek and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).

MANUAL ARTS

This department gives (a) instruction in manual training and drawing to boys of the Lower Academy; (b) instruction in drawing to girls of the Lower Academy; (c) advanced courses in drawing, painting and designing to students in the Higher Academy and College; (d) courses in shop-work, drawing and engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) courses in shopwork and drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who



WOODWORKING ROOM

- W Wash Room
- S Storeroom
- M Electric Motor
- G Grindstone
- 1 Teacher's Desk
- 2 Key Board

- 3 Switch Board
- 4 Case for Unfinished Work
- 5 Case for Carving Tools
- 6 Bench for Gluing
- 7 Finishing Bench
- 8 Case for Finishing Materials

are working toward a degree in engineering; (f) normal training to both men and women who wish to teach manual training and drawing.

In each of the courses offered, especially in the Academy, the aim is not only to give pupils an opportunity to acquire power to work intelligently, but also ability to appreciate what has been done by others. This involves a study of the masterpieces of the past in art and engineering and a study of the best works of the present day. In some form this idea has influence in every course, whether it be freehand drawing, metalworking, cabinet-making, or machine-drawing.

LOWER ACADEMY

1. *Woodworking and Drawing.* (*Three Majors.*) This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy.

During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. After the first few pieces pupils are allowed considerable liberty in the choice of the objects they make. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning. During a part of the year weekly illustrated talks are given on forestry, lumbering, kinds of wood, methods of sawing, seasoning and marketing lumber.

In drawing, the elements of mechanical drawing are given, with emphasis at first in the direction of working drawings; later, the theory of projection is taken up, also the study of developments of geometric solids.

2. *Metalworking and Drawing.* (*Three Majors.*) The general plan of this course is similar to Course 1. It is a manual-training course in cold-metal working and is required of boys in the second year of the Lower Academy.

This course consists of a large number of fundamental processes of metalworking. Among them are chipping, filing, fitting, polishing, bending, beating, drilling, riveting, soldering, turning and spinning. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, copper trays and lanterns, tin funnels and dishes, and a great variety of other objects in

copper and black iron. Students are encouraged to work from their own designs.

The drawing in this course is largely freehand and closely related to the shopwork. It includes a study of color. Designs for many of the shop problems originate in the drawing room.

A series of illustrated talks on the history of architecture and the decorative arts is given in connection with this course.

3. *Freehand Drawing. (One Major.)* A course in pictorial and decorative drawing required of girls in the first years of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing. (One Major.)* This course is required of girls in the second year of the Lower Academy. The first quarter is given to mechanical drawing. The second and third quarters are devoted to practical work in design. This involves the drawing of ornament, the study of color combinations and the laying on of flat tints with water colors. Students in this course attend the talks on the history of architecture and the decorative arts mentioned under Course 2.

HIGHER ACADEMY

5. *Framing and Wood-turning. (One Major.)* A course in house and bridge framing, including the construction of the most important joints. An advanced course in wood-turning is given at the close of the work in framing, preparatory to pattern-making.

Prerequisite, Manual Arts 1.

6. *Pattern-Making. (Two Majors.)* The first half of this course covers the fundamental principles and processes of pattern-making, together with enough foundry work to demonstrate principles of pattern-making. During the second half, the class makes complete sets of patterns for machines to be constructed by students in the class in machine construction.

Prerequisite, Manual Arts 1 and 5.

7. *Cabinet-Making. (One Major.)* This course in cabinet-making and wood-finishing may be taken in place of the second half of Course 6. It consists in designing and constructing pieces of wooden furni-

ture, having as their leading characteristics simplicity, stability and pleasing proportions.

Prerequisites, Manual Arts 1 and 5.

* 9. *Foundry Practice.* (One Major.)

*10. *Forging.* (Two Majors.)

14. *Mechanical Drawing.* (One Major.) This course is intended to give a thorough grounding in orthographic projection, developments and intersections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing, Machine Drawing or descriptive Geometry, which follows.

Prerequisite, Manual Arts 1.

18. *Architectural Drawing.* (One Major.) This course consists in making floor plans, elevations and details of summer cottages and suburban houses. The requirements of the modern home are considered from the standpoints of health, convenience and culture, and buildings are then designed to meet definite practical conditions. Students consult published plans and plans loaned by local architects.

Prerequisite, Manual Arts 14.

12. *Freehand Drawing.* (Two Majors.) (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink, and water color. (b) One hour a week is spent in sketching from life. (c) Lectures on freehand perspective. For home work in connection with this course pupils are required to read Tarbell, *History of Greek Art* and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2, or 3 and 4.

13. *Freehand Drawing.* (One Major.) A continuation of course 12, adding pictorial composition and out-door sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are required to read Goodyear, *Renaissance and Modern Art* or some other book on the history of art which shall be approved by the teacher.

Prerequisite, Manual Arts 12.

21. *Lettering.* (One Major.) This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing.

Prerequisite, Manual Arts 12.

*This course will not be given during the year 1907-8.

26. *Machine-Tool Work.* (*Three Majors.*) This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

24. *Steam and Electricity.* (*Three Majors.*) This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines; (e) practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

COLLEGE

15. *Descriptive Geometry.* (*Two Majors.*) A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces.

Prerequisites, Manual Arts 15 and Mathematics 3.

16. *Machine Drawing and Design.* (*Three Majors.*) This course includes (a) making working sketches and finished drawings from machine parts and from blue prints; drawings of standard machine parts, such as bolts, nuts, screws, etc.; (b) a study of rivets and riveted joints, keys, collars, bearings and lubrication; (c) a study of point paths, velocity diagrams, the theory of gears and cams, and a study of bolts and pulleys; (d) designs of spur gears, bevel gears, spiral gears and cams, with calculation of strength and efficiency; (e) the design of a machine. Throughout the course it is the aim to present to the student, as far as is possible, the actual problems of the modern drafting room.

Prerequisites, Manual Arts 1 and 14.

27. *Machine Construction.* (*Three Majors.*) In this course one or more complete machines are made by each class. Special study is made of cost of construction and of the capacity of the tools used. Opportunity is given here to acquire considerable skill and to gain a wide range of machine-shop experience.

Prerequisite, Manual Arts, 26.

19. *Drawing from the Antique and Figure Composition.* (*Three Majors.*) This course includes (a) drawing the full human figure and various details from the cast, ending with the draped live model and the human head; (b) history of painting by means of pictures, talks and text book—Van Dyke, *History of Painting*.

Prerequisite, Manual Arts 12.

20. *Design.* (*Two Majors.*) This course consists of problems in (a) theory of color, (b) theory of design, and (c) applied design. In connection with applied design, instruction is given in tooled leather work, stenciling and block-printing.

Prerequisite, Manual Arts 12 or, for a student pursuing a teacher's course, Manual Arts 3 or equivalent.

31. *Woodworking.* (*Three Majors.*) This is a comprehensive course for prospective teachers of manual training. It includes benchwork, wood-turning and the elements of cabinet-making and wood-carving. Students attend the talks on forestry and lumbering mentioned under Course 1, investigate other technical subjects bearing upon woodworking and then present their findings in the form of written papers and oral reports.

Prerequisites, Manual Arts 1 and 3 or equivalent.

32. *Drawing.* (*Two Majors.*) A course in mechanical drawing and constructive design arranged to suit the needs of teachers of manual training. Emphasis is placed on working drawings, lettering, and the designing of models for woodworking and metalworking. Students are required to attend the talks on the history of architecture and the decorative arts mentioned in Course 2.

Prerequisite, Manual Arts 1 and 3 or equivalent.

33. *Manual Training for Elementary Schools.* (*Two Majors.*) The aim of this course is (a) to help students in making a comprehensive study of manual training work for elementary schools, and (b) to teach the essentials of the several handicrafts adapted to children in the first six grades of such schools, under the conditions of the ordinary schoolroom. (The handicrafts belonging to textiles are omitted here because they are given in other courses.)

This course includes clay modeling and primitive pottery, paper and cardboard construction, with some of the elements of book-binding, simple metalwork, and woodworking in which but few tools are

required. Throughout the course much attention is given to designing the things made and to the relation of the handwork to other school work and out-of-school activities.

34. *Organization of Manual Training. (One Major.)* This course covers (a) development of manual training in the United States, with reference to similar development in foreign countries; (b) organization of manual training in different kinds and grades of schools; (c) principles of psychology applied to manual training; methods of teaching; (d) study of the vital elements in each of the lines of work taught in elementary and secondary schools; (e) study of equipments; planning equipments in detail to meet given conditions; economic and engineering problems arising in planning manual training equipments. Lectures, discussions, reading, written work, and a thesis at the end of the course.

Prerequisites, Manual Arts, 1 and 2 or equivalent.

MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by means of concrete experiment and problem. This necessitates a close correlation of mathematics and science by the introduction of physical phenomena into mathematical courses. By actual experiment the student is lead to clear and well defined ideas, confidence in methods, and a realization of the meaning of his work; at the same time it is not forgotten that mathematics is a great science itself. It is sought to lead the student to some appreciation of the nature and the scope of the realm of mathematical thought, and to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. He is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

In the subject matter of the various courses the usual divisions of mathematics are disregarded; a somewhat free co-ordination of the different branches is pursued whenever it seems desirable.

LOWER ACADEMY.

1. *Algebra. (Three Majors.)* This course is the foundation of all subsequent work in mathematics. Algebraic, geometric and physical ideas are introduced by means of actual problems and laboratory experiments. Graphic methods are used at an early stage.

2. *Plane Geometry (Three Majors.)* Emphasis is placed upon the original solution of problems and theorems. Rules, compasses, protractors, coordinate paper, colored pencils and crayons are in constant use in the class room.

A carefully selected series of laboratory experiments has been arranged to develop and illustrate geometrical conceptions by the actual manipulation of physical bodies. A number of forms of physical apparatus are used in these experiments. Measures are made and reduced by logarithmic tables and slide rules. Tables of sines and tangents are made experimentally and used in the complete solution of the triangle and in other problems.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry (One Major).* The more essential theorems of the subject are given. Much time is devoted to the construction of models and the solution of actual problems.

Accurate reports on a series of laboratory experiments are required.

Prerequisite, Mathematics 2.

4. *Algebra (One Major).* A general review. Subjects given in an elementary way in Course 1 are here extended. Points of especial emphasis are algebraic number, form, equivalence of equations, graphs, solutions of simultaneous equations, determinants.

Prerequisite, Mathematics 3.

5. *Trigonometry (One Major).* Lengths and areas are found by graphic methods as well as by numerical calculation. A short treatment of spherical trigonometry is given. Field work with transit.

Prerequisite, Mathematics 4.

COLLEGE

6. *College Algebra (One Major)*. The differentiation of algebraic functions is introduced as an outgrowth of the theory of limits. The methods of calculus are used wherever found applicable.

Prerequisite, Mathematics 5.

7. *Analytic Geometry (Two Majors)*. Early in the course the principles given are applied to higher plane curves. The methods of calculus are extensively used, especially in the plotting of curves.

A free use of determinants is made. Special practical problems are given.

Prerequisite, Mathematics 6.

8. *Calculus (Three Majors)*. This course includes Differential and Integral Calculus, with a few weeks given to Differential Equations. Practical applications to physical, chemical and engineering problems are made.

Certain problems bearing upon Physics, Course 3, are treated here.

Prerequisite, Mathematics 7.

9. *Surveying. (One Major.)* A general course in the elements of surveying, including land surveying, city surveying, railroad surveying. Practice is given in the use of chain, tape, compass, level, transit, stadia. Practical problems are set and accurate plats are made.

Prerequisite, Mathematics 5.

10. *Analytic Mechanics. (One Major.)* This course deals with the fundamental principles of the mechanics of engineering. It aims to establish these principles and emphasize their value by applying them to numerous engineering problems. The student is given a careful training in the use of mathematics as applied to such problems and in the use of engineering data.

Prerequisite, the student must either have had or be taking Mathematics 8.

PHYSICS

The Department of Physics is thoroughly equipped with modern apparatus suitable for courses in Elementary and Advanced Physics as given in the first and second years of the best Engineering Colleges. The lecture room contains the apparatus for lecture demonstrations,

including dark curtains for windows, electric projection lantern, reflectoscope, gas, water, electricity, etc. The laboratories have a large amount of apparatus especially adapted for students' use. Here the elementary student comes in contact with the best of modern apparatus, thus obtaining at an early age a correct understanding of physical quantities.

The electric equipment, including standard ammeters, voltmeters, wattmeters, alternating and direct current, large storage cells, etc., presents an opportunity for advanced work in electrical engineering.

Special laboratories are provided for photometry and photography.

The library of the department is well supplied with the leading reference books, and all new books of importance will be purchased as they appear. The leading scientific and technical periodicals devoted to physics and electrical engineering are received. Advanced students are required to make abstracts of important scientific papers, thus becoming familiar with the scientific subjects of the day.

Students intending to enter other schools may anticipate work in Physics, either in lecture or laboratory work, if they have the required preparation.

HIGHER ACADEMY

1. *Elementary Physics. (Three Majors.)* This introductory course is required of all students in the third year. It deals with the fundamental principles of mechanics, sound, magnetism and electricity, heat, and light. The historical development and the practical applications to daily life are emphasized.

The class is divided into sections of not more than fifteen for the laboratory work, which consists almost exclusively of quantitative experiments. The earlier and simpler experiments, such as composition and resolution of forces, inclined plane, levers, simple measurement of lengths, areas and volumes, etc., which are usually given in this course are performed in the mathematical laboratory during the work in algebra and geometry. Practically every algebraic expression used in physics forms the basis of a large number of practical problems in algebra. Recitations, laboratory and lectures, seven hours a week.

Prerequisites, Algebra, Plane Geometry and a working knowledge of the trigonometric functions,—sine, cosine and tangent.

Note. Students who have had good text-book work in Elementary Physics may complete the laboratory work in the first quarter.

COLLEGE

2. *Advanced Physics. (Three Majors.)* This is a course in advanced Physics in which the subject is treated both experimentally and mathematically. Great attention is paid in this course, both in lectures and laboratory, to the practical applications of the various branches. The work is carried on as in Course 1 except that more delicate instruments are used, and the mathematical side of the subject is more fully developed.

Lectures, three hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1 and Plane Trigonometry.

3. *Theoretical Physics. (Three Majors.)* The subject is treated more from the theoretical side than in Course 2. This course is especially designed for students intending to continue work in engineering schools. The laboratory work is similar to that given in the best engineering schools in the country. Accuracy is required throughout. In the more advanced work the student's attention is directed to the study of possible sources of error. A series of twelve lectures on this subject will be given in connection with the laboratory work.

Lectures, three hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1, Plane Trigonometry, Analytic Geometry, and the student must either have had or be taking Differential and Integral Calculus.

4. *Theoretical Electricity. (One Major.)* A course in the theory of Electricity and Magnetism. Lectures, five hours a week.

5. *Laboratory Practice. (One Major.)* An advanced course in heat and light. Laboratory, ten hours per week.

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science, Engineering and six-year Mechanic Arts Groups, the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

A certificate is given to those who complete the Teachers' Course in Manual Training or Domestic Economy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature Groups, a student who enters the Institute from another institution will be required to do work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES

Tuition. The charges for tuition are as follows: Full work (3 or 4 subjects), \$20.00 per quarter; 2 subjects; \$15.00 per quarter; 1 subject, \$10.00 per quarter. There are three quarters in the school year. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. No other fees are charged by the Institute. *Necessary text books and instruments will be provided by the Institute free of charge.* Tuition fees should be paid during the first two weeks of each quarter. Neglect to do so will render students liable to be refused admittance to classes. Checks should be made payable to Bradley Polytechnic Institute.

In some cases students are allowed to pay part or all of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits, (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at from \$4.00 per week upward. The Institute will make special effort to secure satisfactory conditions as to boarding and rooming accommodations in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute.

SCHOLARSHIPS

I.—SCHOLARSHIPS IN THE INSTITUTE

(a) *The Institute grants:*

1. Two scholarships each year to members of the class receiving the Academic Certificate; the scholarships are awarded by the Faculty and are of the value of \$60.00 each, covering tuition in the College for a year. These scholarships are now held by Vivian Boniface and Martha I. Grant.

2. A scholarship of the value of \$20.00, covering one quarter's tuition, to the winner of the Institute Declamation Contest.

3. Two scholarships each year to the Peoria High School, to be given to the two graduates having the highest rank; each scholarship is of the value of \$60.00, covering one year's tuition in the College. These scholarships are now held by Marguerite B. Hayward and Ellen A. Muir.

4. A scholarship each year to the scholar standing highest among the boys in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1906-7 by Bert G. Potter.

(b) *The Board of Supervisors of Peoria County gives:*

1. One scholarship in the Institute each year to the scholar standing highest among the girls in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1906-7 by Letha Saylor.

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO.

The University of Chicago grants each year to Bradley Institute, as an affiliated school, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The Scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. They are now held by Harrison A. Lyding and Lela M. Wright.

SUMMER SCHOOL.

The Summer School, devoted to Manual Training and Domestic Economy, extended from July 5th to August 9th. It was conducted under the superintendency of Charles A. Bennett, with the following additional instructors: F. D. Crawshaw, Woodworking; Elida E. Winchip, Sewing; W. F. Raymond, Metalworking; Augustus R. Rose, Art Metalwork and Design; Henrietta Bowman, Cooking; Mary A. Wright, Manual Training for Elementary Schools.

The following courses were offered: 1. Organization of Manual Training. 2. Manual Training for Elementary Schools. 3. Woodworking and Drawing. 4. Metalworking for Grammar and High Schools. 5. Textiles and Plain Sewing. 6. Dressmaking. 7. Cooking. 8. Furniture Construction, Wood-turning and Pattern-making. 9. Machine Shop Practice. 10. Design. 11. Art Metal Work.

The tuition for the Summer term is \$25 for three courses, \$20 for two and \$15 for one.

The students of the Summer School of 1906 came from the following States: Illinois, Indiana, Ohio, Arizona, Louisiana, Texas, California, Kansas, Missouri, Iowa, Minnesota, Washington, Pennsylvania, Wisconsin, Michigan; New Brunswick and Ontario, Canada. Several of these were college graduates, the great majority were teachers.

The Summer School for 1907 will offer similar courses. It is held from July 1st to August 3d.

UNITED STATES WEATHER BUREAU.

During the summer of 1904 the United States Government erected a Weather Bureau Station at the north end of the campus on a lot



WOODWORKING ROOM



MACHINE SHOP



A BALL GAME



MECHANICAL DRAWING

granted by the Institute. This is in charge of Dewey A. Seeley. Daily bulletins and weather maps are sent out from the station. Special lectures are given by Mr. Seeley to Institute classes.

CHAPEL AND SPECIAL EXERCISES

A brief chapel service, which all students are expected to attend, is held daily. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. At intervals the students and teachers in the School of Horology join the School of Arts and Sciences in a general assembly. On these occasions musical programs, and addresses by prominent professional and business men on practical topics take the place of the chapel service.

On Saturday evening, February 3, two short plays, one in French and one in German, were given by members of the classes in Modern Languages. The reflectoscope or lantern slides are frequently employed in connection with informal talks in different departments, especially manual arts, the sciences, history, the ancient and modern languages.

The following persons have assisted in special exercises during the current year: Miss May Neal, readings; Miss Margaret McLaughlin, readings; Mrs. E. D. McCullough, Mrs. C. M. Brown, Miss Heidrich, Miss Kendall, Mr. Kellogg and Mr. Hewett, musical; James Gilmer Speed, Nature Study; Rev. David Beaton, Address; Horological Band, Band Concert.

PARENTS' MEETINGS

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes: 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and the teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 3. To discuss educational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The dates of the Parents' Meetings for 1907-8 will be Thursday, October 24, 1907, and Thursday, March 26, 1908.

THE BOARD OF ATHLETICS

Athletics are under direct control of a board made up of five members of the Faculty and five representatives elected from the various divisions of the school. Actions of the Board are of course subject to revision by the Faculty.

The purpose of this Board is to secure the best possible conditions in Athletics, especially to insist upon two points:—that the conduct of all taking part shall be fair and gentlemanly, and that no student shall follow athletics to the detriment of his studies. Under the direction of this Board an athletic field has been fenced off, graded and equipped; baseball and football teams have been organized and maintained, and work in track athletics and tennis well established. Besides the athletic field, which contains a baseball and football field and a quarter-mile track, the Institute maintains for general student use five tennis courts, a basket-ball field and a second baseball diamond.

Special attention is being paid to athletics within the school; to this end a committee on inter-school athletics has been appointed by the Board. This committee encourages and directs all legitimate out-of-door sports by providing equipment for teams and arranging schedules.

MEMBERSHIP OF THE BOARD 1906-1907*

THE DIRECTOR	Chairman, <i>ex-officio</i>
F. L. BISHOP, Secretary	} The Faculty of Arts and Science
GEORGE C. ASHMAN	
L. C. PLANT	
J. A. MINER	The Horological Faculty
A. G. METZGER	} The Horological School
H. T. HAMAN	
H. S. BECKER	} The College
H. W. LYNCH	
B. S. BEECHER	} The Higher Academy
E. A. CUSHING	
F. D. SMITH	The Lower Academy
ELIZABETH FABER	The Young Women

MANAGERS FOR 1906-1907

HAROLD W. LYNCH	Football
R. KENNETH MURDUCK	Baseball
HARRY S. BECKER	Track
LESTER A. BYRON	Tennis
GEORGE L. GREVES	Basket-Ball

*Except in the case of the Secretary, bracketed names are those of successive representatives of the same Faculty or division.

COMMITTEE ON INTER-SCHOOL ATHLETICS

LOUIS C. PLANT.....	Chairman
FREDERICK C. LINDEBURG.....	Baseball
HARRY S. BECKER.....	Track
LESTER A. BYRON.....	Tennis
GEORGE L. GREVES.....	Basket-Ball
JULIAN L. SCHUELER.....	Hare and Hounds

NEW GYMNASIUM

The Founder's Day exercises of this year were rendered memorable by the announcement that a Gymnasium will be erected during the year 1907-8. About \$75,000 will be devoted to this purpose. The building will be attractive in exterior design and thoroughly equipped.

THE COUNCIL

The Council includes (a) the Director and Deans, who represent the Faculty, (b) six Tribunes, namely, three young men and three young women, who are elected by the young men and women respectively of the College, Higher Academy and Lower Academy for the term of one year. The work of the Council is to consider all matters of common interest to Faculty and students; to make recommendations to the Faculty; and to deal with all matters referred to it by the Faculty. Among other matters which the Faculty has put into the hands of the Council may be noted: the formation of Literary Societies; the social interests of the school; the Tech; the Annual.

TRIBUNES FOR 1906-1907*

<i>College—</i>	{ BYRON M. FAST	{ MARIAM E. BUCKLEY
	{ CLARENCE M. STRAESSER	{ MARTHA I. GRANT
<i>Higher Academy—</i>	{ ROBERT PLOWE	{ VIVIAN BONIFACE
	{ WILL H. HOLMES	{ EDNA CAMREN
<i>Lower Academy—</i>	{ CHARLES J. SCRANTON	{ LULU P. BESS
	{ JOHN MAYO GOSS	{ HELEN M. NIXON
		{ FRANCES A. BURRILL

*Bracketed names are those of successive representatives of the same division.

ORGANIZATIONS

ENGINEERING CLUB

The purpose of this Club is to stimulate interest in the study of Engineering and Mechanic Arts. The Club keeps its members in contact with live problems of modern engineering through lectures given by practical engineers. By excursions to power plants, factories and other places of interest, opportunities are given to observe engineering work according to standards of modern practice.

The general discussions at the Club meetings maintain an active interest in engineering progress.

OFFICERS

President.....	FRANK W. WERCKLE
First Vice-President	{ THEODORE J. FLUEGEL
	{ RAYMOND F. PALMBLAD
Second Vice-President	HARRY S. BECKER
Treasurer.....	ALEXANDER MACDONALD
Secretary.....	FREDERICK H. EVANS

The following lectures were given this year;

The City Telegraph.....	CHAS. H. LYONS
The Illinois Deep Waterway	J. W. WOERMAN
Air Brakes	RAYMOND F. PALMBLAD
The Gas Engine.....	RALPH YOCUM
A series of Three Lectures on Automobile Construction...	J. M. KUPPEL

Excursions were taken to the following places: Avery Manufacturing Co., City Telegraph Station, McKinley Power Plant, Kingman Plow Works, Strawboard Mills, Bartholomew Automobile Co., Keystone Wire Fence Co.

The annual camp fire was held in Bradley Hall, May 4th.

ARTS AND CRAFTS CLUB

The Arts and Crafts Club, as its name signifies, is a society whose purpose is to stimulate interest in art at Bradley Institute, and especially to recognize and encourage artistic handicraft among its members. The Club was organized in November, 1898.

The most important feature of its work is the annual spring exhibition. Here are gathered together the best pieces of art-craft work made by students, alumni and teachers during the year.

OFFICERS

President	JOSEPH G. COWELL
Vice-President	JANET GRANT
Secretary	EXIE CAMPBELL
Treasurer.....	HELEN B. SLOAN
Curator.....	ADELAIDE MICKEL

THE HISTORICAL SOCIETY

The Historical Society holds one regular meeting each quarter, and such special meetings as may be deemed advisable. Its purpose is (1) to study local history in its relation to State and National History; (2) to discuss historical topics and current events, especially those bearing on political, economical and social questions; (3) to increase the student's interest in history by means of lectures, etc.

The leading topic for study this year has been the early history of Illinois.

OFFICERS

President.....	HERBERT A. KELLAR
Vice-President	VIVIAN BONIFACE
Secretary-Treasurer	ELEANOR ELLIS
Chairman Executive Committee	CHARLES T. WYCKOFF

THE TECH

THE TECH is a monthly paper conducted under the auspices of the Council. The editor-in-chief and business manager, who are elected from the student body by the Council, assume the entire responsibility.

STAFF FOR 1906-7

BENJAMIN S. BEECHER.....	Editor-in-Chief
ELDRIDGE BENTON	Business Manager
GRACE E. HAUKE.....	} Associate Editors
EDWARD A. CUSHING	
VIVIAN BONIFACE	
CLARENCE W. STRAESSER.....	Athletics
JOSEPH G. COWELL	Social
WILLIAM H. HUDSON.....	Staff Artist
ROBERT J. MANN.....	} Local
LESTER H. BYRON	
LEIGH GROVE.....	} Horological
*THOMAS CORDI.....	

THE POLYSCOPE

THE POLYSCOPE is the annual publication of the students. Like THE TECH it is under the control of the Council. The issue for 1906

*Spring Quarter.

contains a history of the school for the year past, records of athletic teams, work of school organizations, and the like. The staff is as follows:

JANET GRANT	Editor-in-chief
CLIFFORD H. OTTENHEIMER	Business Manager
FRANCIS J. BOHL	} Literary
HERBERT A. KELLAR	
VIVIAN BONIFACE	
JAMES C. HAYWARD	} Calendar
LOUISE I. DELENT	
GLEN M. EBAUGH	
LINA S. ULRICH	Athletics
EDNA CAMREN	Organization
RALPH E. CHURCH	Subscriptions
	Horological

MUSICAL ORGANIZATIONS

The Chorus gives training in singing and in the interpretation of the best music. The work is voluntary. Membership is open to students and friends of the Institute. The Chorus numbers about fifty voices.

The Chorus and Orchestra gave a concert at Bradley Hall, April 16.

OFFICERS

Director	CHARLES T. WYCKOFF
Chairman Executive Committee	R. KENNETH MURDUCK
Pianist	CLARA L. ALLEN

The Bradley Symphony Orchestra is under the direction of Mr. Harold Plowe. Membership is open not only to students, but to all who are interested in musical culture. The orchestra has a membership of forty.

LITERARY SOCIETIES

Great interest has been shown in the work of the literary societies during the past year. They are purely voluntary but are regarded by the Institute as making an important contribution to school life. There are now four such organizations, and in addition a debating club formed from each of these. It is called The Quorum. A public debate was given March 7th, on the question: Resolved, That Congress should pass a law compelling the immediate settlement of strikes by arbitration; Affirmative, Laura E. Geach, Willis B. Coale, George C. Mahle; Negative, Benjamin S. Beecher, Joseph G. Cowell, Herbert A. Kellar.

BRADLEY DEBATING CLUB

President	JOHN L. FRY
Vice-President	HARRY K. GRIFFIN
Secretary	HARRY J. KLOTZ
Critic	GEORGE R. COFFMAN

THE GIRLS' DEBATING SOCIETY

President	RUTH H. HOUGHTON
Vice-President.....	VERA H. RAILSBACK
Secretary	LAURA D. BUNN
Treasurer.....	EDITH B. LOVE
Critic.....	KATHERINE L. WALTERS

THE INSTITUTE DEBATING CLUB

President.....	GEORGE C. MAHLE
Vice-President	HERBERT A. KELLAR
Secretary.....	BENJAMIN S. BEECHER
Critic.....	FREDERICK H. EVANS

THE BRADLEY DEBATING AND LITERARY SOCIETY

President	FRANCIS J. BOHL
Vice-President	SIDNEY FIESELMAN
Secretary	HENRY E. SCHWEITZER
Critic	EUGENE CORRIE

THE QUORUM

President	MARGUERITE B. HAYWARD
Vice-President.....	BENJAMIN S. BEECHER
Secretary	MERRILL MCA. DWINELL
Treasurer	FREDERICK F. MILLER

BIOLOGICAL CLUB

The Biological Club is open to all who are interested in the Biological sciences and in the study of living things. During the winter it has taken up the study of Evolution and during the spring it has kept records of the migration of birds.

PROGRAM COMMITTEE

FREDERICK F. MILLER, ELEANOR ELLIS, W. H. PACKARD

YOUNG MEN'S CHRISTIAN ASSOCIATION

The work of the Institute Association for the year just past may be summarized as follows: 1. Publication of a Students' Hand Book. 2. Aid given students in finding suitable homes. 3. Sending delegates to the State Convention and to Lake Geneva and other conferences. 4. Conducting of religious meetings. 5. Maintenance of Bible groups meeting weekly under student leaders, and of a leaders' normal class under a member of the faculty.

The Association was organized in the spring of 1902 under the direction of Mr. W. W. Dillon, the State Student Secretary, and has extended its work with each succeeding year. This is a department of the Peoria Central Association, and its finances are in the hands of a Committee of Management in which the faculty is represented by three members.

OFFICERS

President.....	WILLIS B. COALE
Vice-President	BANJAMIN S. BEECHER
Recording Secretary.....	CHARLES A. ATWOOD
Treasurer	JAMES A. MINER
General Secretary.....	HARRY K. GRIFFIN

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The Young Women's Christian Association was organized in the spring of 1904 by Miss Broad, the State Secretary of the College Association. The work of the past year has been as follows: 1. The Bible class was conducted by Miss Louise Harte. The topic of study has been "The Life of Christ." 2. Delegates were sent to the convention at Champaign. 3. Several pleasant social events have been held during the year.

OFFICERS

President	EDITH B. LOVE
Vice-President.....	ETHEL M. SUMMERS
Secretary	DOROTHY ALLEN
Treasurer	BESSIE M. MORRIS
Social.....	HELEN B. SLOAN
Inter-Collegiate	LOUISE I. DeLENT
Bible Study.....	GERTRUDE L. PATTERSON

ENGLISH CLUB

The purpose of the English Club is to create a greater interest in English literature. During the past year the Club has made an extensive study of some of the shorter poems of Browning, including lyrics and narrative poems and those dealing with the Renaissance.

On March 9th the annual banquet of the English Club was held at the Creve Coeur Club. Dr. Wyckoff was toastmaster; responses were made to toasts as follows: "The Pleasures and Benefits of the English Club," Ruth Houghton; "What is worth while in English," Miss Bartlett; "There are Giants in these days," T. A. Knott; "At Browning's Feet," Dr. Arthur Little.

OFFICERS

President	JOSEPH G. COWELL
Vice-President.....	HERBERT A. KELLAR
Secretary-Treasurer.....	LINA S. ULRICH

OFFICERS OF THE ALUMNI ASSOCIATION

President.....	FRANK W. BENNETT, '02
Vice-President.....	DELOSS S. BROWN, '03
Secretary.....	BYRON M. FAST, '06
Treasurer	J. ORVILLE KENDALL, '06

PUBLIC EXERCISES

THE NINTH CONVOCATION

The ninth convocation was held in Bradley Hall, Friday Evening, June twenty-second. The invocation was offered by Reverend E. H. Alford. President John W. Cook of the State Normal School at DeKalb, gave the convocation address on the theme "Tendencies in Modern Education." This was followed by the annual statement of the Director. The diplomas were presented by President Harry Pratt Judson, of the University of Chicago.

THE DIPLOMA OF THE INSTITUTE was conferred upon the following graduates:

IN THE SCIENCE GROUP—Henry H. Colby, Beryl B. Collins, Joseph G. Cowell, Byron M. Fast, George L. Greves, Joseph W. Harris, Jessie T. Helmbold, Joseph O. Kendall, John E. Lukens, Harrison A. Lyding, Helen S. Mills.

IN THE ENGINEERING GROUP—Frank T. Heyle, Louie A. Neill.

IN THE MECHANIC ARTS GROUP—Fred. S. Simms.

The graduates from these three groups were given the Degree of Associate in Science.

The Degree of Associate in Arts was conferred upon Mary D. Doubet, who had completed work of the Classics group.

The Degree of Associate in Literature was conferred upon Miriam E. Buckley, Eleanor Ellis, Nellie R. Farley, Vera J. Hayes, Edith A. Hunter, Madge I. Kirkpatrick, Irene L. Phillips, Floy E. Rockwell, Edna E. Shea, Mary E. Tiuen, Agnes M. Tobias, Lela M. Wright.

The University of Chicago Scholarships were won by Eleanor Ellis and Harrison A. Lyding; alternates, Floy E. Rockwell and Lela M. Wright.

The Academic Certificate was conferred upon the following students: (Those whose names are marked with a star completed the work before the spring quarter.)

IN THE SCIENCE GROUPS—Arthur E. Baker, Exie Campbell, Harry K. Griffin, *James C. Hayward, Myrtle J. Houghton, Harold W. Lynch, Alexander McDonald, *Frederick F. Miller, Mary E. Moss, Earl W. Van Tassel, *Wm. T. Whiting, Jr., Ely C. Wood.

IN THE ENGINEERING GROUP—*Maurice E. Johnston, Robert M. Spurck, John F. Wenke.

IN THE LITERATURE GROUP—Benjamin S. Beecher, Vivian Boniface, Laura D. Bunn, Grace Camren, Kathleen Cockle, Laura E. Geach, Martha I. Grant, Bessie M. Morris, Annie I. Rich, Agnes E. Stevens, Clarence W. Straesser, Ethelyn M. Straesser, Anna A. Streibich, Rose Woolner.

IN THE MECHANIC ARTS GROUP—Ross Canterbury, Robert C. Craig, Ralph E. Ferris, Guy R. Lander.

THE INSTITUTE SCHOLARSHIPS were won by Vivian Boniface and Kathleen Cockle; Alternates, Martha I. Grant and Anna A. Streibich.

IN THE HOROLOGICAL DEPARTMENT the Diploma in Optics was conferred upon C. S. Applegate, Bessie Bacon, Ray Bagby, A. W. Deach, M. M. Eads, Mrs. L. D. Falcon, T. R. Faubion, Marley Fisher, I. B. Frantz, O. M. Hemstreet, Lindsey Highsmith, W. O. Horne, R. W. Lawson, H. M. Lee, W. T. Lesch, Frederick Marsden, C. O. Wertz, W. H. Moore, C. A. Morris, H. J. Perrin, H. S. Record, W. H. Schenke, Elmer Schmidt, C. C. Stone, W. J. Van Essen, Everett Weed.

FOUNDER'S DAY

The tenth annual observance of Founder's Day was held Monday, October eight. The invocation was offered by Rabbi Charles S. Levi. The program was arranged in recognition of Mrs. Bradley's Ninetieth Birthday and the opening of the tenth year in the history of the Institute.

The following took part in the exercises: Mr. W. W. Hammond, "Early Days of Planning"; Dr. E. O. Sisson, "The Opening of the Institute" (paper read by the Director); Miss Helen Bartlett spoke for the Faculty; Mr. Mark Cowell, as one of the first students; Professor Albion W. Small, for the Trustees.

Mrs. Bradley was present at the exercises in Bradley Hall and at the close invited all members and friends of the Institute to a reception at her home, which proved a most delightful feature of this memorable celebration.

LECTURE COURSE, 1906-7

MR. RICHARD HENRY LITTLE:

"The Making of a Great Newspaper"October 30

MR. CLARENCE E. COMSTOCK:

"The Value of Mathematics to Practical Life"November 9

DR. CHARLES T. WYCKOFF:

"Starved Rock and the Canyons of the Illinois".....November 23

MISS MARGARET McLAUGHLIN:

"The Ring and the Book".....December 7

PROFESSOR HARRY G. PAUL, A.M., of the English Department, University of Illinois, six lectures on

AMERICAN LITERATURE

1. "Benjamin Franklin".....January 4
2. "Ralph Waldo Emerson".....January 18
3. "Edgar Allen Poe".....February 1
4. "Henry Wadsworth Longfellow".....February 15
5. "Oliver Wendell Holmes".....March 1
6. "James Russell Lowell".....March 15

ATHLETIC BENEFIT

Under the auspices of the Athletic Board three short plays were presented at the Grand Opera House, May 11, 1906. Mr. Frank T. Wallace superintended the preparation of these plays. Mr. Roy U. Tyson acted as business manager. The plays were as follows:

"The Mouse Trap" (*Howells*), Blanch Steckel, Joseph G. Cowell.

"Miss Civilization" (*Davis*), Mary Doubet, Roberts Mann, Olive Reynolds, C. C. Schaumleffle, R. U. Tyson.

"The Romancers" (*Wallace*), Benj. Beecher, Edna Camren, Edward Cushing, Harold Lynch, Jay Swent.

THE CONCERT

The Ninth Annual Concert was given at Bradley Hall, April 16th, by the Institute Chorus and the Bradley Symphony Orchestra. The work of the Chorus was prepared under the direction of Dr. C. T. Wyckoff, and that of the Orchestra under Mr. Harold Plowe. Miss Clara Allen acted as accompanist. The Chorus presented Lambeth's "Ye Banks and Braes," "You Stole My Love" by MacFarsen, "The Miller's Wooing" by Faning, "Soft Winds Blow" by Warner.

The Glee Club, composed of the male voices in the Chorus, sang "Sometimes I Catch Sweet Glimpses" by West, "The Shoogy Shoo" Ambrose-Thayer; and the Ladies Chorus, "What the Chimney Sang" by Griswold, "The Skylark" by Hall, "A Dutch Lullaby" by Stair.

The numbers rendered by the Orchestra were "Polonaise Militaire" by Chopin, "Albin Overture" by Flotow, "Romance" by Tschaiowski, "The Last Dream" by Massenet, "Le Secret" by Gautier, "The Ride of Tam O'Shanter" by Warren.

The Hayden Quartette played Mendelssohn's "Scherzo" from op. 44 No. 2, and the concert closed with college songs by the Glee Club.

GRADUATES OF BRADLEY POLYTECHNIC INSTITUTE

1898

UNLAND, CORINNE C. (MRS. JAMES H. ANDERSON), Box 810, Houston, Texas.
Literature; University of Chicago, 1898-9. Teacher, 1899-1900.

1899

ANDERSON, JAMES H., Box 810, Houston, Texas.
Science; Winner University of Chicago Scholarship; University of Chicago 1899; Chemist
Industrial Cotton Oil Co. of Texas, 1900—

LYON, CHARLES H., 419 Central St., Peoria.
Classics; Winner University of Chicago Scholarship; Student in Mechanical Engineering,
Y. M. C. A. School, Peoria, 1904-5; City Electrician, Peoria, 1905—.

1900

CROFOOT, MARGUERITE (MRS. C. C. LEFFINGWELL), 155 W. 73d St., New York.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2, A. B.
ibid., 1902, Honorable Mention; Teacher Peoria Schools, 1902-3; Assistant in Greek and Latin,
Bradley Institute, 1903-6.

DEXTER, JOHN R., Ardmore, Indian Territory.
Literature; University of Chicago, 1900-2, Ph. B., *ibid.*, 1902; President Indianoma Trust
Co., Ardmore, Indian Territory.

HOOD, FLORENCE (MRS. H. M. SOLENBERGER), 211 College St., Springfield.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2;
A. B., *ibid.*, 1902; Registrar Chicago Bureau of Charities, 1903-4.

LEFFINGWELL, CLARENCE C., 416 W. 13th St., New York.
Literature; University of Chicago, 1901-2, Ph. B., *ibid.*, 1902; Assistant in Greek and
Latin, Bradley Inst., 1901-3; Private Tutor, 1903-4; Manager News-stand Circulation *Collier's*
Weekly, 1904—.

*NELSON, CARL G.,
Classics; Augustana College, Rock Island, 1900, 1902-3; B. D. and M. A., *ibid.*, 1903;
University of Chicago, 1901-2; called to a church in Manson, Iowa.

PAGE, ROY, 5330 Madison Ave., Chicago.
Science; Cornell University, 1900-1; Business, Chicago.

PARKER, MARGUERITE (MRS. FRANK L. HINMAN), Tremont.
Science; University of Chicago, 1900-2, B. S., 1902; Teacher in Peoria Schools, 1902-4.

RICE, MARY VIRGINIA, 903 23d St., Rock Island.
Literature; University of Michigan, 1900-2, A. B., *ibid.*, 1902; Teacher, Peoria Schools,
1903-6; Rock Island High School, 1906—.

SANNER, LAURA E. (MRS. ROBT. PARKER), 1213 E. 18th Ave., Denver, Colo.
Literature; Teacher, Wyoming, Ill., Schools, 1900-2.

SMITH, RALPH H., 26 Lorain Block, Lorain, Ohio.
Classics; University of Chicago, 1900-3, A. B., *ibid.*, 1902; Starling Medical College, 1903-5,
M. D., *ibid.*, 1905; Interne, St. Francis Hospital, Columbus, 1905-6; Physician, Lorain, Ohio,
1906—.

WARBEKE, JOHN M., Williamstown, Mass.
Classics; Princeton University, 1900-2, A. B., *ibid.*, 1902; University of Leipzig, and travel
in Europe, 1902-6; Ph. D., *ibid.*, 1906; Instructor in German, Williams College, 1906—.

*Died 1905.

1901

- BRUBAKER, HAROLD C.,** 6542 Ellis Ave., Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1901-3, A. B., *ibid.*, 1903; Western Electric Co., Indianapolis, 1903-6; *ibid.*, Chicago, 1906—.
- FULLER, WALTER,** U. S. Gypsum Co., 1158 S. Roby St., Chicago.
Science; University of Chicago, 1901, S. B., *ibid.*, 1904; Student Laboratory-Inspector, *ibid.*, 1901-4; Chemist, Kennicott Water Softener Co., Chicago, 1905-6; Chemist, Glucose Sugar Refining Co., Pekin, 1906; U. S. Gypsum Co., Chicago, 1907—.
- GEIGER, MABEL L.,** 1120 Perry Ave., Peoria.
Classics; University of Illinois, 1901-3; B. L. S., *ibid.*, 1903; Teacher Peoria Schools, 1903—.
- KELLY, MILDRED (MRS. WM. ANICKER),** Morris, Indian Territory.
Literature; Mt. Holyoke, 1902-3.
- MACCLYMENT, GEORGE R.,** Wyoming.
Science; University of Chicago, 1901-3; Assistant Cashier of Bank, Scott, Wrigley & Hammond, Wyoming, 1903—.
- OLMSTEAD, MAUD C. (MRS. E. V. LAWRENCE),** 924 W. Illinois Ave., Urbana.
Science; Assistant in Sewing, Bradley Institute, 1901-5.
- PORTER, ALBERT L.,** 134 Third St., Aurora.
Science; Student in Correspondence Course in Architecture, Chicago, 1901; Mechanical Draftsman, Chicago.
- SWANSON, E. ADELIA,** 251 E. Rice St., Owatonna, Minn.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1901-2; Ph. B., *ibid.*, 1902; Teacher of German and English, High School, Indianola, Iowa, 1902-3; Teacher of German, High School, Owatonna, 1903—.
- TRACY, ANNIE C.,** 313 Callender Ave., Peoria.
Literature; Teacher, Peoria Schools, 1901—.
- WEIRICK, ELIZABETH S.,** 250 Washington Ave., Brooklyn, N. Y.
Literature; University of Chicago, 1901-3; B. S., *ibid.*, 1903; Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y., 1903-7.

1902

- BENNETT, FRANK W.,** Rose Polytechnic Institute, Terre Haute, Ind.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; A. B., *ibid.*, 1903, Honorable Mention; Instructor in English and German, Rose Polytechnic Institute, Terre Haute, 1904—.
- BRUBAKER, WILLIAM C.,** 6542 Ellis Ave., Chicago.
Science; Armour Institute of Technology, 1902-6, B. S., *ibid.*, 1906, White Scholarship, 1905; Draftsman with Pullman Co., Chicago, 1906—.
- HANCOCK, TRACY M.,** Lacon.
Science; Business in Lacon, 1902—.
- KELLOGG, ANNE A.,** 1017 State St., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; Ph. B., *ibid.*, 1903; Honorable Mention in English; Graduate Student, University of Chicago, Summer, 1905; Teacher of German and English, High School, Marquette, Mich., 1903-5; Teacher of German and English, High School, Peoria, 1905—.
- KIRTLEY, LUTHER L.,** Livingston Hall, Columbia University, New York, N. Y.
Science; Marietta College, 1900-1; University of Chicago, 1902-3; *ibid.*, 1903; Engineer, Evelith, Minn., 1903-5; University of Chicago, Winter and Spring, 1905; University of Wisconsin, 1905-6; School of Mines, Columbia University, 1906—.
- MERRELL, MORTON W.,** 819 Garfield Place, Evanston.
Classics; Northwestern University, 1902-4; A. B., *ibid.*, 1904; Garrett Institute, 1904-7.
- SWEETSER, IRVING J.,** 618 Glen Oak Ave., Peoria.
Classics; with Phil Sheridan Mining Co., Washington, 1902-4; Standard Oil Co., 1905—.
- THOMAS, GEORGE EARL,** 608 Wisconsin Ave., Peoria.
Classics; Business, Peoria, 1902—.

WELLS, Edgar B., Pontiac.
Science; University of Chicago, 1902-4; Ph. B., *ibid.*, 1904; Principal of High School, Delavan, 1905-6; Teacher of Science, Township High School, Pontiac, 1906—.

1903

BALLANCE, WILLIS H., 216 Randolph Ave., Peoria.
Science; Cornell University, 1903-6; B. S., *ibid.*, 1906; with Weston Mott Co., Flint, Mich., 1906-7.

BELL, MARCIA, 209 Perry Ave., Peoria.
Literature.

BOURLAND, JULIA P. (Mrs. Arthur Clark) 1316 Main St., Peoria.
Literature; Smith College, 1903-5; A. B., *ibid.*, 1905; Instructor in Biology, Bradley Institute, 1905-6.

BROWN, DELOSS S., 99 Barker Ave., Peoria.
Mechanic Arts; Business, 1903—.

CALVERT, MAUDE, 1630 13th Ave., Seattle, Washington.
Literature; University of Chicago, 1903-4; Ph. B., *ibid.*, 1904; Teacher, Peoria Schools, 1904-5; Teacher of French, High School, Seattle, 1905—.

COWELL, MARK W., 200 Crescent Ave., Peoria.
Science; University of Michigan, 1903-6; A. B., *ibid.*, 1906; with Avery Mfg. Co., Peoria, 1906.

CUTRIGHT, SIDNEY B., 313 Barker Ave., Peoria.
Classics; Business, 1903—.

DURHAM, Margaret L., 306 Glen Oak Ave., Peoria.
Literature; Teacher, Peoria Schools 1904—.

DURLEY, EIZABETH R., Hennepin.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1903-4; Teacher, Des Moines, Iowa, 1905—.

FAVILLE, MILDRED, 108 Randolph Ave., Peoria.
Literature; University of Chicago, 1903-5; Ph.B., *ibid.*, 1905; Teacher, Peoria Schools, 1905—.

GRABER, LOTTIE A., Knoxville.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1903-5; A. B., *ibid.*, 1905; Teacher, High School, Knoxville, 1905—.

HARPER, MARY J. (MRS. HENRY H. LANE), Norman, Okla.
Science; University of Chicago, Summer, 1901, 1904-5; B. S., *ibid.*, 1905; Scholarship in Zoology, *ibid.*, 1904-7; Professor of Physiology, St. Louis Dental College, 1906-7; Publications, "Effects of Intravenous Injections of Pork-bone Marrow on the Blood-pressure of Dogs," *American Journal of Physiology*; "The Influence of Organ-extracts of Cold-blooded Animals on the Blood-pressure in Dogs," *Journal of Physiology*, London, England; "Further Work on the Organ-extracts of Cold-blooded Animals;" "Effects of Different Percentages of Carbon Dioxide in the Inspired Air during Chloroform or Ether Anesthesia;" Research Fellowship, Rockefeller Institute, New York City, 1907—.

JOBST, NETTIE, 511 N. Madison Ave., Peoria.
Science; travel in Europe, Summer, 1905.

JOSEPH, DON R., Rockefeller Institute, New York.
Science; Holder of Special Scholarship, University of Chicago; University of Chicago, 1903-4; B. S., *ibid.*, 1904, Honorable Mention; Brainard Medal in Anatomy, *ibid.*, 1904; St. Louis University, 1904-07; M. S., *ibid.*, 1906; M. D., *ibid.*, 1907; Assistant in Physiology, Medical Department, *ibid.*, 1904-7; Professor of Physiology, St. Louis Dental College, 1906-7; Publications, "Effects of Intravenous Injections of Pork-bone Marrow on the Blood-pressure of Dogs," *American Journal of Physiology*; "The Influence of Organ-extracts of Cold-blooded Animals on the Blood-pressure in Dogs," *Journal of Physiology*, London, England; "Further Work on the Organ-extracts of Cold-blooded Animals;" "Effects of Different Percentages of Carbon Dioxide in the Inspired Air during Chloroform or Ether Anesthesia;" Research Fellowship, Rockefeller Institute, New York City, 1907—.

PINGER, GEORGE C., Youngstown, O.
Engineering; Cornell University, 1903-5; M. E., *ibid.*, 1905; Junior Member American Society of Mechanical Engineers; Draftsman, Snow Steam Pump Co., Buffalo, N. Y., 1905-6; Struthers Well Co., Warren, Pa., 1906; Wm. Tod Co., Youngstown, O., 1906—.

RICE, MONTGOMERY G., 205½ Madison St., Peoria
Literature; University of Michigan, 1903-6; LL.B., *ibid.*, 1906; Admitted to Michigan Bar, 1906; Admitted to Illinois Bar, 1906; Lawyer.

RIDER, GEORGIA, Pekin.
Literature; Teacher, Tremont, Ill., 1904; Havana, Ill., 1906-7.

- SCHIMPF, OSCAR J., 225 Callender Ave., Peoria.
Engineering: Assistant City Electrician, Peoria, 1903-5; Chief Engineer and Electrician, Buckeye Powder Co., Edwards, Ill., 1905; with Mills Electric Company, 1906-7; Manager Electric Department for Wheelock & Co., 1907—.
- SCULLIN, BERTHA M., 902 Knoxville Ave., Peoria.
Classics; Winner University of Chicago Scholarship; Assistant in Sewing, Bradley Institute, 1903-5; University of Chicago, Summer 1904, 1905-6; A. B., *ibid.*, 1906; Assistant in Domestic Science, Bradley Institute, 1906—.
- SCHUREMAN, MARY O., Green Valley.
Literature; Smith College, 1904-6; A. B., *ibid.*, 1906.
- SEATON, EDITH M., 747 Jackson St., Peoria.
Classics; Teacher, Peoria Schools, 1903—.
- STOCK, EDWARD F., 506 Sanford St., Peoria.
Science; Chief Rate Clerk, T. P. & W. R. R. Office, 1903—.
- STOWELL, LAURA A., Calumet, Mich.
Science; Teacher Domestic Economy, High School, Calumet, 1903—.
- SUMMERS, LILLIAN M., 117 N. Bourland St., Peoria.
Classics; Northwestern University, 1903-4; Vanderbilt University, 1904-5; A. B., Northwestern University, 1905; Teacher, Peoria Schools, 1905—.
- TJADEN, HERTHA M., 205 S. Underhill St., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Domestic Science, Peoria Schools, 1906—.
- WEST, VICTOR J., 1030½ S. Flower St., Los Angeles, Cal.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; Instructor in English, Bradley Institute, 1905-6; Briggs Real Estate Co., Los Angeles, Cal., 1906—.

1904

- BELSLEY, RAY J., 1405 N. Jefferson Ave., Peoria.
Engineering; Business, Peoria, 1904—.
- BENTON, CHARLES K., 207 Crescent Ave., Peoria.
Science; Dartmouth College, 1904-6; B. S., *ibid.*, 1906; Honorable Mention in Economics; Phi Beta Kappa; Business, 1906—.
- BRUNINGA, JOHN H., U. S. Patent Office, Washington, D. C.
Engineering; Laboratory Aid, Bureau of Standards, Washington, D. C., 1904-5; Draftsman, U. S. Navy Yard, 1905; Assistant Examiner, U. S. Patent Office, 1905; Special Student in Electrical Engineering, George Washington University, 1904-6.
- CUTRIGHT, LOIS I., 313 Barker Ave., Peoria.
Literature; Teacher, 1904-6; University of Chicago, 1906-7; to receive Ph. B. 1907.
- ELSBREE, FLORENCE A., 207 Ellis St., Peoria, Ill.
Classics; University of Chicago, 1904; Shurtleff College, 1904-5; A. B., *ibid.*, 1905; Head of Language Department, Greer College, 1905-6; Special Teacher at Harrison School, Peoria, 1906—.
- EVANS, ROLLA Q., 1400 K Street, N. W., Washington, D. C.
Science; Harvard University, 1904-6; Architectural Draftsman with Carrier & Hastings, Washington, D. C., 1906—.
- GORSLINE, WILLIAM W., 8 Fifth St., Goshen, Ind.
Science; University of Chicago, 1904-5; Instructor in Mathematics, High School, Goshen, Indiana, 1905—.
- GRIGSBY, HARRY D., 1623 E. Fifth St., Santa Anna, Cal.
Science; University of Illinois, 1904-6, B. S., *ibid.*, 1906; Assistant City Engineer, Santa Anna, California, 1906—.
- HECKMAN, LILLIAN S., (MRS. R. W. POOL) 1122 23d Street, Seattle, Wash.
Science; University of Chicago, 1904-6; Ph. B., *ibid.*, 1906.
- HELMBOLD, IDA J., 711 North St., Peoria.
Classics; Teacher, Peoria Schools, 1904—.

- MAYER, SIMON, Fort Pierre, S. D.
Classics; University of Chicago, 1904-5; A. B., *ibid.*, 1905; Engineer, Offices C. & N.-W. R. R., Fort Pierre, 1905—.
- MILLER, CHARLES W., 601 First Ave., Peoria.
Literature; University of Michigan, Medical School, 1904—.
- MORGAN, HARRY D., 6037 Ellis Ave., Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A.B., *ibid.*, 1906; Honorable Mention for work in Senior College; Phi Beta Kappa; University of Chicago Law School, 1906—.
- NEEF, FRANCIS J., Hartel Strasse 21, Leipsic, Germany.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; University of Lausanne and travel in Europe, 1905-6; University of Berlin, Summer Semester, 1906; University of Berlin, Winter Semester, 1906-7; University of Leipsic, Summer Semester, 1907.
- OLMSTEAD, RALPH W., 806 N. 53d Ave., Austin.
Science; Stock Department, Bartlett, Frazier & Carrington, Chicago, 1900—.
- PAUL, JOSEPH W., 401 Kishwaukee Street, Rockford.
Engineering; Assistant in Manual Training Rockford Schools, 1904-7; Instructor in Mechanical Drawing, Y. M. C. A. Night School, 1905-6.
- RITCHIE, VONNA V. (MRS. DELOSS S. BROWN), 99 Barker Ave., Peoria.
Science; James Milliken School of Music, Decatur, Ill., 1904-5.
- ROCKWELL, IVA F., 117 W. Armstrong Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6, A. B., *ibid.*, 1906, Honorable Mention, Member University Council; Assistant, Ancient Languages, Bradley Institute, 1906.
- ROGERS, LULU E., 518 Spring St., Peoria.
Science; Teacher Peoria Schools, 1905.
- SPECK, CHARLES H., 6031 Ellis Ave., Chicago.
Engineering; Business Peoria, 1904-6; University of Chicago Law School, 1906—.
- STEMM, JOSEPHINE A., 514 St. James St., Peoria.
Literature; Teacher Peoria Schools, 1904—.
- VANCE, MYRA L., 172 Institute Place, Peoria.
Literature.
- WILSON, EDNA L., 702 Maple Ave., Oak Park.
Literature; Teacher, 1905-7.

1905

- ARMSTRONG, JOHN E., Phi Gamma Delta Lodge, Ithaca, N. Y.
Engineering; Cornell University, 1905—.
- BARTLEY, JOSEPH F., 514 Cheever Court, Ann Arbor, Mich.
Literature; Law Department University of Michigan, 1906—.
- BECHT, FRANK C., 5426 Lexington Ave., Chicago.
Literature and Science; Winner University of Chicago Scholarship; University of Chicago, 1905-6; B. S., *ibid.*, 1906; Fellowship in Physiology, *ibid.*, 1906-7; Member of Sigma Chi., 1906.
- BOURLAND, FREDERICK B., 1030½ S. Flower St., Los Angeles, Cal.
Engineering; Printing Business, 1905; Engineering Department Briggs Real Estate Co., Los Angeles, Cal., 1906—.
- BRISLEY, MABEL L., 203 N. Douglas St., Peoria.
Literature; Normal Training Class, Peoria High School, 1906-7; Teacher, Peoria High School, 1906—.
- CATION, JENNIE G., 618 Bradley Ave., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Assistant in Domestic Economy, Lincoln Centre, Chicago, Oct., 1906, to January, 1907; Manager's Assistant at the Home Delicacies Association, Chicago, Jan. 1907—.
- COOPER, MARILLA E., 86 W. Lorain St., Oberlin, Ohio.
Literature; Oberlin College, 1905-7; to receive A. B., 1907.

- COPES, KATHERINE, Delavan.
Science; Teacher in Tazewell County Schools, 1905-6; Teacher, Delavan, 1906—.
- CUTRIGHT, FLORENCE A., 313 Barker Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1905-6;
A. B., *ibid.*, 1906; Honorable Mention, *ibid.*; Teacher, Peoria Schools 1907—.
- DICKSON, VICTOR H., 285 Newburg St., Boston, Mass.
Engineering; Massachusetts Institute of Technology, 1905—.
- EDWARDS, NETA G., 5509 Greenwood Ave., Chicago.
Literature; University of Chicago, 1905-7; Ph. B., *ibid.*, 1907.
- HALE, VERA H., 277 E. 55th St., Chicago.
Classics; Teacher, Mapleton, 1905-6; University of Chicago, Summer, 1906; Teacher,
Dalton, 1906—.
- HEYLE, ESSIE M., 127 Elmwood Ave., Peoria.
Science; Certificate in Domestic Economy, Bradley Institute, 1906; Teacher Domestic
Economy, Bacon Mission, Peoria, 1906; Student, Simmons College, Boston, 1906-7.
- KANNE, VERONA E., 207 W. 23d Street, Los Angeles, Cal.
Literature; Teacher Peoria Schools, 1905-6; Teacher Domestic Science, Los Angeles,
Cal., 1906—.
- KEITHLEY, GILES E., 1601 Knoxville Ave., Peoria.
Science; Lake Forest University, 1905—.
- LAGERGREN, GUSTAF P., University of Chicago, Chicago.
Literature; Draftsman Illinois Steel Bridge Co., Jacksonville, 1905-6; University of Chi-
cago, 1906—.
- LYNCH, RALPH A., 515 Illinois Ave., Peoria.
Engineering; University of Illinois, 1905—.
- OSBORNE, ISABEL M., 313 Bigelow St., Peoria.
Literature; Student Domestic Science, Bradley Institute, and University of Illi-
nois, 1906—.
- STRAESSER, MABEL S., 1000 N. Glendale Ave., Peoria.
Science; Teacher Peoria Schools, 1905—.

1906

- BUCKLEY, MIRIAM E., 308 N. Orange St., Peoria.
Literature; Graduate Student Bradley Institute, 1906-7.
- COLBY, HENRY H., 717 Clinton St., Ottawa.
Science; Machinist, Granville and Ottawa, 1906.
- COLLINS, BERYL A., 514 Cheever Court, Ann Arbor.
Science; Law Department University of Michigan, 1906—.
- COWELL, JOSEPH G., 221 Crescent Ave., Peoria.
Science; Graduate Student, Bradley Institute, 1906-7.
- DOUBET, MARY D., 107 Bigelow St., Peoria.
Classics; Teacher Peoria Schools, 1906—.
- ELLIS, ELEANOR, 162 N. Greenwood Ave., Peoria.
Literature; Winner University of Chicago Scholarship; Graduate Student in Domestic
Economy, Bradley Institute, 1906-7.
- FARLEY, NELLIE R., 217 Missouri Ave., Peoria.
Literature; University of Missouri, 1906—.
- FAST, BYRON M., 103 8th St., North, Grand Rapids, Wis.
Science; Teacher of Manual Training, Grand Rapids, Wisconsin, 1906—.
- GREVES, GEORGE L., 212 Wisconsin Ave., Peoria.
Science; Graduate Student in Chemistry, Bradley Institute, 1906-7.
- HARRIS, JOSEPH W., Seward.
Science; Graduate Student, Bradley Institute, 1906-7.

- HELMBOLD, JESSIE T., 711 North St., Peoria.
Science; Teacher Peoria Schools, 1906—.
- HAYES, VERA J., 227 Missouri Ave., Peoria.
Literature; Northwestern University, 1906—.
- HEYLE, FRANKLIN T., 127 Elmwood Ave., Peoria.
Engineering; University of Illinois, 1906—.
- HUNTER, EDITH A., 506 College St., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906;
Teacher, Carrollton, Ill., 1906—.
- KENDALL, J. ORVILLE, 1104 Fifth Ave., Peoria.
Science; with Avery Manufacturing Co., 1906—.
- KIRKPATRICK, MADGE I., 608 N. Jefferson Ave., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1906-7.
- LUKENS, John E., 126 S. Ash St., Ottumwa, Ia.
Science; Teacher of Science, High School, Chariton, Ia., 1906—.
- LYDING, HARRISON A., 923 North St., Peoria.
Science; Winner University of Chicago Scholarship; University of Chicago, 1906—.
- MILLS, HELEN S., 2312 Calumet Ave., Chicago.
Science; Graduate Student and Assistant in Chemistry, Bradley Institute, 1906-7.
- NEILL, LOUIE A., 1424 State St., Milwaukee, Wis.
Engineering; Draftsman American Hardware Co., Ottawa, 1906-7; With Lake Superior
& Southern R. R., 1907—.
- PHILLIPS, IRENE L., Delavan.
Literature; Graduate Student, Bradley Institute, 1906-7.
- ROCKWELL, FLOY E., 117 W. Armstrong Ave., Peoria.
Literature.
- SHEA, EDNA E., 335 Henry St., Peoria.
Literature; Teacher, Peoria Schools, 1906—.
- SIMMS, FRED. S., 118 Pennsylvania Ave., Peoria.
Mechanic Arts; University of Illinois, 1906—.
- TINEN, MARY E., 211 Sumner Ave., Peoria.
Literature; Teacher, Peoria Schools, 1906—.
- TOBIAS, AGNES M., 426 North St., Peoria.
Literature; Teacher, Peoria Schools, 1906.
- WRIGHT, LELA M., 5602 Drexel Ave., Chicago.
Literature; University of Chicago, 1906—.

TEACHER'S CERTIFICATE

- DAVISON, CHARLES R., Downieville, Pa.
Teacher of Manual Training, Alleghany, Pa., 1906—.
- GOLDSMITH, MAUD, 320 South Walnut St., Bloomington, Ind.
Supervisor of Manual Training, Bloomington, Ind., 1906.
- MCNABNEY, CHARLES, 713 E. Olive St., Seattle, Wash.
Teacher of Manual Training, High School, Seattle, Wash., 1906—.
- WRIGHT, MARY ALICE, 1124 First St., Springfield.
Teacher of Manual Training, Teachers' Training School, Springfield, 1906—.

The Certificate in Domestic Economy was conferred upon Jennie E. Cation, Essie M. Heyle, Edith A. Hunter and Hertha Tjaden, whose records will be found on preceding pages.

LIST OF STUDENTS

GRADUATE

Buckley, Miriam E.....	Peoria	Kirkpatrick, Madge I.....	Peoria
Cowell, Joseph G.....	Peoria	Mills, Helen S.....	Peoria
Ellis, Eleanor.....	Peoria	Osborne, Isabel M.....	Peoria
Greves, George L.....	Peoria	Phillips, Irene L.....	Delavan
Harris, Joseph W.....	Seward	Shea, Edna E.....	Peoria

COLLEGE

Ahlenius, Bertha C....	Galesburg	Hiller, William G.....	Carbondale
Allen, Dorothy.....	Peoria	Holmes, Will H.....	Wyoming
Bailey, Martha.....	Peoria	Jackman, Grace M....	Burlington, Ia.
Baker, Arthur E.....	Peoria	Jackson, Harry E....	Stillwater, Minn.
Barr, Leslie J.....	Lacon	Johnson, Winifred J.....	Peoria
Baughman, Bertha.....	Peoria	Johnston, Maurice E.....	Peoria
Becker, Harry S.....	Peoria	Kellar, Herbert A.....	Peoria
Beecher, Benjamin S.....	Peoria	Keller, Roy A.....	Peoria
Bilger, Richard G.....	Cincinnati, O.	Kraeger, Bertha E.....	Pekin
Blair, Alice E.....	Peoria	Lynch, Harold W.....	Peoria
Bohl, Francis J.....	Peoria	Macdonald, Alexander.....	Peoria
Boniface, Vivian.....	Peoria	MacNair, Zella.....	Mattoon
Bowman, Bertha R.....	Peoria	Mahle, George C.....	Pekin
Bunn, Laura D.....	Peoria	Marcy, Hazel R.....	Peoria
Campell, Exie.....	Peoria	Marshall, Stella R.....	Peoria
Canterbury, Ross J.....	Peoria	Mason, Charles G.....	Peoria
Carter, Fern L.....	Lewistown	Means, Jeannette T....	Kentland, Ind.
Causey, Frederick A.....	Chicago	Miller, Frederick F.....	Peoria
Coale, Willis B.....	Peoria	Morris, Bessie M.....	Peoria
Cushing, Edward A.....	Peoria	Moss, Ethelwyn.....	Peoria
Dwinell, Merrill McA.....	Peoria	Muir, Ellen A.....	Peoria
Easton, Sidney H.....	Peoria	Murduck, R. Kenneth.....	Peoria
Ebaugh, Glen M.....	Peoria	Nelson, Alma E.....	Stillwater, Minn.
Faber, Elizabeth M....	Peoria	Norton, Voris R.....	Bedford, Ind.
Faber, Marion.....	Peoria	O'Brien, Edna M.....	Morton
Feltges, Edna M.....	Peoria	Patterson, Laura G.....	Peoria
Francis, Myrtle D.....	Mazon	Pugh, Mary A....	Crawfordsville, Ind.
Fuener, Charles.....	Peoria	Radley, Olive E.....	Peoria
Fulford, Annette E.....	Peoria	Railsback, Vera H....	Ashland, Neb.
Geach, Laura E.....	Peoria	Rider, Elizabeth.....	Pekin
Grant, Martha I.....	Peoria	Robinson, Eulalia.....	Goodfield
Grant, Sarah J.....	Peoria	Rockwell, Rexie.....	Peoria
Gregg, Hazel.....	Peoria	Ross, Edwin A.....	Detroit, Mich.
Griffin, Harry K.....	Wenona	Schertz, Mary L.....	Peoria
Grigsby, Marion W.....	Peoria	Shaw, Hemingway D.....	Amboy
Hanson, Elisha A.....	Peoria	Spurck, Robert M.....	Peoria
Harte, Louise W.....	Minonk	Straesser, Ethelyn M.....	Peoria
Hauk, Grace E.....	Peoria	Straesser, Clarence W.....	Peoria
Hayward, James C.....	Peoria	Streibich, Anna A.....	Peoria
Hayward, Marguerite B.....	Peoria	Taylor, Ross O.....	Havana
Henry, May E.....	Peoria	Tefft, Mary E.....	Elgin
Hiller, Jacob.....	Peoria	Turney, Ida M.....	Painesville. O.

Ulrich, Lina S	Peoria	Westlake, Ella C	Springfield
Vivian, Edmund W	Bradford	Willian, Frankie M.....	Springfield
Wearne, Amy E.....	Calumet, Mich.	Whiting, Alida	Peoria
Weiberg, Cora E	Peoria	Woolner, Rose	Peoria
Werckle, Frank W.....	Peoria	Young, Irma G	Peoria

HIGHER ACADEMY

Alfs, Gerd W	Pekin	Houghton, Ruth H.....	Peoria
Allison, Corabel	Peoria	Howard, Geisert A.....	Peoria
Anderson, Edward G.....	Peoria	Huber, Frank.....	Peoria
Atwood, Charles A	Alta	Huber, Rudolf.....	Peoria
Bailey, Joseph F.....	Lindenwood	Hudson, William H.....	Peoria
Ballance, Nevius VanD.....	Peoria	Jobst, Natalia.....	Peoria
Batchelder, Ella L	Peoria	Keithley, Amy.....	Peoria
Baumgartner, Grover C.....	Peoria	Kellar, G. Gordon	Peoria
Belsley, Olga C	Peoria	Kimmel, Charles H.....	Peoria
Bennett, Estelle F.....	Chatsworth	King, Marie A	Peoria
Bennett, William R	Peoria	Kirkpatrick, Elizabeth L	Peoria
Benton, Eldredge M	Peoria	Klotz, Harry J.....	Peoria
Bibo, Anna	Alta	Kuhl, Lora A	Peoria
Botto, Susanna J	Peoria	Lauder, Margaret	Peoria
Brown, Claude E	Peoria	Lee, Grace E	Peoria
Byron, Lester A.....	Peoria	Lidle, Edwin L.....	Peoria
Camren, Edna	Peoria	Lindeburg, Frederick G	Peoria
Carson, Roy P.....	Peoria	Linneman, Fred W	Flanagan
Cation, Anna L	Peoria	Love, Edith B.....	Peoria
Chalmers, Thomas	Peoria	Mann, Roberts J.....	Peoria
Chandler, Chester C	Peoria	Maple, Ethel L.....	Peoria
Cooper, Ruth L.....	Peoria	Martin, Helen E.....	Granville
De Lent, Louise I	Peoria	Mason, Lester R.....	Peoria
Dickson, Hazel D	Peoria	Mellow, Spencer R.....	Lacon
Donley, Edgar B.....	Peoria	Murdock, Elizabeth A	Peoria
Ekstein, Henry C.....	Peoria	Ottenheimer, Clifford H.....	Peoria
Edwards, Edna M	Peoria	Palmblade, Raymond F.....	Paxton
Edwards, Thomas L	Princeville	Paul, Carl R.....	Forrest City
Ellwood, Beulah J	Peoria	Peterson, Irving H.....	Peoria
Evans, Webster W	Peoria	Pfeffinger, Carl L.....	Peoria
Feuling, Ellen M	Peoria	Pfeiffer, Benjamin S.....	Peoria
Fieselmann, Sidney	Peoria	Phillips, Aaron P.....	Peoria
Fisher, Eleanor M.....	Peoria	Plowe, Robert.....	Peoria
Fluegel, Theodore J	Peoria	Powers, James C.....	Peoria
Franquemont, Ernest A.....	St. Louis, Mo.	Purcell, Frank	Streator
Fritze, Lucius A	Peoria	Richmond, Marguerite	Peoria
Fry, John L.....	Cedarville	Rockwell, Lynn D.....	Lena, N. Y.
Fuller, Beulah A	Pekin	Saal, Grace	Peoria
Gibson, Anna L.....	Peoria	Schertz, Irene E.....	Peoria
Gooding, Frank E.....	Peoria	Schueler, Julian L.....	Peoria
Gower, Robert S.....	Peoria	Schweitzer, Harry E.....	Peoria
Grimes, Henry H.....	Peoria	Sengenberger, Ina C.....	Peoria
Hannam, E. Louise	Oneida	Shank, Hazel E.....	Peoria
Harms, Olive Viola.....	Peoria	Sherwood, Ruth R.....	Peoria
Harris, David E	Seward	Siebers, Lynn C.....	Gridley
Heckman, Constance C.....	Peoria	Siebers, Oscar W	Gridley
Heckman, Earl S.....	Peoria	Slane, Carl P.....	Peoria
Henry, Laura.....	Peoria	Slane, Mabel P	Peoria
Heyle, Allen W	Peoria	Sloan, Helen B.	Peoria
Holmes, Maurice F	Chillicothe	Smith, Earl L.....	Peoria

Snively, Lois E	Cuba
Steckel, Blanche	Peoria
Stevens, Ithiel S.	Peoria
Strehlow, Sanchen G.	Peoria
Summers, Ethel M.	Peoria
Swent, James W.	Peoria
Taylor, Robert B.	Peoria
Truitt, Henry	Chillicothe
Tyson, Roy U	Peoria
Ulrich, Julia M.	Peoria
Voorhees, Corrinne D.	Peoria
Voorhees, Julia H.	Peoria
Wear, Eldon E.	Princeville
Wells, Herbert R.	Peoria
Williams, Roger S.	Peoria
Wilson, Henry M.	Magnolia
Yocum, Ralph	Galva
Zimmerman, Frieda.	Peoria

LOWER ACADEMY

Alford, Genevieve H.	Peoria
Allen, Ruth	Peoria
Apple, Charles H.	Peoria
Armstrong, Leonard K.	Peoria
Aylward, James T.	Peoria
Bailey, Ruth	Peoria
Barnes, Mildred	Peoria
Batchelder, Joseph H.	Peoria
Batchelder, Ella L.	Peoria
Bauer, Ethel	Peoria
Beebe, Ruth J.	Peoria
Berger, Hazel M.	Peoria
Bestor, Jennette	Peoria
Bess, Lulu P.	Peoria
Betzelberger, Emma C.	Delavan
Bibo, Mary	Alta
Billerbeck Rose	Cullom
Birge, Arthur V.	Peoria
Botts, Hazel M.	Peoria
Boylan, Archibald P.	Chillicothe
Brande, Edward D.	Grinnell, Ia.
Brickner, Henry E.	Peoria
Bross, Minnie M.	Peoria
Brown, Hazel J.	Peoria
Buchanan, Florence E.	Peoria
Buchner, Warren J.	Middletown
Buckley, Mary F.	Peoria
Bunn, Loring T.	Peoria
Burgess, Helena	Peoria
Burrill, Frances A.	Peoria
Campbell, Howard A.	Peoria
Carson, Ellis D.	Seward
Colwell, Rena V.	Chillicothe
Cornelison, Robert G.	Peoria
Davis, Thomas W.	Peoria
DeLent, Otto A.	Peoria
DeLent, Addalena M.	Peoria
Dickson, Nina	Peoria
Dombrowski, Florence	Peoria
Droll, Robert L.	Mossville
Drury, Florence O.	Peoria
Edgeworth, Arthur L.	Plymouth
Elmquist, Artid G.	Peoria
Engstrom, Howard J.	Peoria
Faber, Catherine	Peoria
Fenelon, William W.	Peoria
Fisher, Janet M.	Peoria
Flood, Wilbur E.	Peoria
Ford, Walter K.	Edwards
Foster, Emma M.	Peoria
Franzen, Theodore J.	Peoria
Garrett, Una M.	Peoria
Garretson, Enid E.	Peoria
Gemberling, Louella F.	Peoria
Giessler, William C.	Peoria
Gilliland, Robert E.	Peoria
Goldstein, Ruby M.	Peoria
Gordon, Clarence	Peoria
Gordon, Myrtle O.	Peoria
Goss, Francis H.	Peoria
Goss, John M.	Peoria
Gregory, Frances M.	Peoria
Grewell, Barbara F.	Peoria
Hall, Murray H.	Peoria
Haller, Marcia	Peoria
Hamsuit, Fred H.	Pekin
Harman, Harris J.	Peoria
Heald, Helen M.	Peoria
Heidrich, Pearl M.	Peoria
Heintzman, Rudy H.	Metamora
Herschel, Paul E, Jr.	Peoria
Heyle, Bernice	Peoria
Hicken, Rudolph	Peoria
Hindle, Selina	Hanna City
Hofer, Theodore C.	Princeville
Holstman, Bertha M.	Peoria
Hubbard, Lizzie M.	Peoria
Huber, Anna E.	Peoria
Huber, Carrie A.	Dunlap
Hunter, James A.	Peoria
Hunter, Mary E.	Peoria
Hunter, Wyman	Peoria
Jackson, Maud V.	Peoria
Jenkins, Marie A.	Peoria
Johnson, Anna M.	Peoria
Johnson, John A.	Peoria
Johnson, Letha F.	Trivoli
Jones, Maud L.	Peoria
Kastine, Emil P.	Peoria
Keithley, Lily L.	Peoria

Kenyon, Fred. N.	Peoria	Potter, Bert G.	Edelstein
King, Katherine L.	Peoria	Potter, Ethel L.	Peoria
King, William M.	Peoria	Potter, Mabel M.	Dunlap
Kroos, Edna H.	Peoria	Randolph, Don.	Peoria
Kuhl, John H.	Peoria	Raymond, George L.	Peoria
Lambert, Helen E.	Peoria	Saylor, Letha.	Glasford
Littell, Thomas J.	Topeka	Schacht, Otto A.	Pocahontas
Love, Jean H.	Peoria	Schenck, Roger.	Peoria
Lucas, Eda I.	Peoria	Schnackenberg, Pearl A.	Peoria
Marsh, May G.	Peoria	Scranton, Charles J.	Peoria
McCann, Leland K.	Peoria	Sengenberger, Ella C.	Peoria
McCullough, Harold D.	Peoria	Seth, Shuntock.	Chicago
McDonald, Harry T.	Peoria	Sloan, William E.	Peoria
McLaughlin, Fannie Neil.	Peoria	Slotter, Frank S.	Peoria
..... Fayetteville, Tenn.		Smallenberger, Della W.	Peoria
McLaughlin, Margaret K.	Peoria	Smith, Frank D.	Peoria
..... Fayetteville, Tenn.		Smith, Merle G.	Peoria
McNish, Oriana J.	Emden	Smith, Alma M.	Sioux City, Ia.
Mercer, Frank G.	Peoria	Spence, Frederick M.	Elmwood
Mercer, Jessie E.	Peoria	Spence, Hazel N.	Elmwood
Meeker, Samuel E.	Pekin	Sprague, Adelaide.	Peoria
Miller, Florence A.	Peoria	Stephenson, Walter E.	Peoria
Miller, Frances.	Peoria	Stieber, Edwin H.	Peoria
Mosher, Ethel O.	Peoria	Strehlow, Paul V.	Peoria
Mundell, Jessie A.	Peoria	Tanth, Florence E.	Peoria
Murray, Frank H.	Clifton	Thede, Frieda A.	Peoria
Neal, Walter W.	Chillicothe	Thomas, Helen S.	Peoria
Nelson, Jeanette R.	Peoria	Turner, George E.	Pekin
Nicol, Jean.	Peoria	VanHorne, Lucile.	Pekin
Nixon, Helen M.	Peoria	Voorhees, Daniel W., Jr.	Peoria
Nowland, Robert E.	Peoria	Walker, Oliver P., Jr.	Peoria
Ohl, Rudolph.	Peoria	Webster, Wm. H.	Washington
Otto, Della R.	Melvin	Wenke, Anna.	Peoria
Park, Arthur W.	Peoria	White, Olga E.	Peoria
Parker, Bennett R.	Peoria	Whitney, Hazel R.	Peoria
Parker, Mildred J.	Peoria	Willis, Harold D.	Peoria
Paul, Helen L.	Peoria	Willis, Hazel D.	Peoria
Persons, Myron B.	Denver, Col.	Winsor, Arthur G.	Peoria
Plowe, Marjorie.	Peoria	Woodward, Audrey L.	Peoria
Porter, Lila L.	Peoria	Young, George H.	Peoria

UNCLASSIFIED

Ashman, Mrs. George C.	Peoria	Jack, Elizabeth.	Peoria
Birks, Mrs. Fred.	Peoria	Jack, Jane.	Peoria
Bourland, Mrs. N. L.	Peoria	Kingman, Mrs. Evelyn.	Peoria
Boynton, Emma.	Peoria	Luthy, Mrs. Ferdinand.	Peoria
Burns, Nellie A.	Peoria	Makeever, Harold.	Peoria
Cockle, Mrs. Charles.	Peoria	Maury, Mrs. D. H.	Peoria
Comstock, Mrs. C. E.	Peoria	McCoy, Helen I.	Peoria
Conigisky, Benjamin F.	Peoria	McDougal, Mrs. Robert.	Peoria
Curtis, Maude.	Peoria	Miles, Mrs. William S.	Peoria
Davis, Mrs. Kate.	Peoria	Norman, Jennie M.	Normandy
Ehrlein, Amelia.	Peoria	Peterson, Minnie M.	Peoria
Finlay, Mrs. Ella.	Peoria	Proctor, Mrs. Joseph.	Peoria
Goss, Mrs. Charles.	Peoria	Renkenberger, Mrs. M. D.	Peoria
Grier, Isabel H.	Peoria	Roth, Mary L.	Lacon
Hotchkiss, Mrs. Robert J.	Peoria	Schacht, Emma C.	London Mills

Scherer, Veronica.....	Peoria	Tanton, Barbara E.....	Peoria
Schimpff, Mrs. G. H.....	Peoria	Taylor, Alfred R.....	Peoria
Siegel, Henrietta J.....	Peoria	Taylor, Helen P.....	Peoria
Snyder, Mrs. A. C.....	Peoria	Trautman, Anna.....	Peoria
Starr, Susie.....	Peoria	Udell, Earl L.....	Wells, Minn.
Steele, Mrs. H. F.....	Peoria	Werking, Laura.....	Peoria
Stemm, Josephine.....	Peoria	Woodward, Mrs. H. J.....	Peoria
Stone, Mrs. Harry.....	Peoria	Woodward, Letitia.....	Peoria

SUMMER SCHOOL

Baker, Elizabeth V.....	Peoria	Kreisle, Matthew F....	Austin, Texas
Batchelder, Lizzie E....	Pasadena, Cal.	Kugler, Marie.....	Waubek, Ia.
Black, Homer F.....	Laketon, Ind.	Lamb, Charles, Cape	Girardeau, Mo.
Bohon, Elmer C.....	Ewing, Mo.	Lester, Inez.....	Peoria
Boulden, Harriet M....	Frankfort, Ind.	Lewis, Gertrude.....	Topeka, Kansas
Bowman, Ernest L.....	Clarion, Pa.	Lynn, Joseph V.....	Frederickton, N. B., Canada
Burk, William A.. Mt.	Pleasant, Mich.	Mahoney, Elizabeth...	Seattle, Wash.
Butler, Louis C.....	St. Louis, Mo.	Mays, Arthur B.....	Dallas, Texas
Camron, Burt E.....	Delevan, Wis.	McBurnie, Evelyn.....	Peoria
Card, Edward F.....	St. Louis, Mo.	McNabney, Charles..	Americus, Kan.
Champion, Samuel O.,	Cleveland, Ohio	Meek, Tecumseh H....	Eureka, Ill.
Covert, Paul W.....	Indianapolis, Ind.	Meldrum, Ellen L....	Topeka, Kansas
Cunningham, James H....	Palmerston, Ont., Canada	Molchin, Helene F.....	Peoria
.....Dearborn, Myrtle....	Chillicothe, Mo.	Mushrush, Frank T....	Lakewood, O.
Denny, Catherine, Terra	Haute, Ind.	Parkes, Harriet M.....	Clinton, Ia.
Dickson, Victor H.....	Peoria	Paul, Joseph W.....	Forest City
Emminger, George J.,	Indianapolis, Ind.	Polscher, Albert L.....	Toledo, O.
.....Fairbank, Alfred.....	Cleveland, O.	Raebel, Rudolph F. J..	St. Louis, Mo.
Fast, Byron M.....	Princeville, Ill.	Rourke, Agnes.....	Lincoln, Ill.
Foth, George F.....	Ashbourne, Pa.	Russ, Lillian.....	Adrian, Mich.
Frausenfelder, Edward,	St. Louis, Mo.	Schick, John M.....	Cincinnati, O.
Gilliland, Robert.....	Peoria	Schick, William J.....	Cincinnati, O.
Greer, Martha O.....	Kirksville, Mo.	Schwarz, Mary H....	Mankato, Minn.
Grocock, Robert....	Menominee, Mich.	Selvidge, Robert W.,	Warrensburg, Mo.
Groshong, Ella.....	Faribault, Minn.	Sholberg, Nicholas A.,	Milwaukee, Wis.
Harris, Caroline E....	Pasadena, Cal.	Smith, Robert J.....	Ruston, La.
Hedley, Bertram.....	Cleveland, O.	Sparks, Carrie R.....	Rushville, Ill.
Henderson, Wilson H....	Fond du Lac, Wis.	Spilman, Clara.....	Manhattan, Kas.
.....Herr, Louis A.....	Greenfield, Ind.	Stovall, B. Arthur.....	Swain, Texas
Hiatt, Alfred H.....	Peoria	Taylor, John E.....	Springfield, Ill.
Hofstetter, Fred.....	Austin, Texas	Taylor, J. Orville....	Springfield, Ill.
Huber, Anna.....	Peoria	Taylor, Robert B.....	Peoria
Hunter, Edith.....	Peoria	Turney, Ida M.....	Painesville, O.
Iliff, E. Ray.....	LaRose, Ill.	Ulrich, Charlotte M..	Cincinnati, O.
Johnson, Anna.....	Quincy, Ill.	Verkler, Edith.....	Cissna Park, Ill.
Johnson, Benjamin W.,	Seattle, Wash.	Warner, Carl E.....	Jacksonville, Ill.
Judd, Samuel S.....	Saginaw, Mich.	Warner, Sadie.....	Waukeek, Ia.
Kennedy, Frank E....	Springfield, Ill.	Welsh, James W....	Thatcher, Ariz.
Kreisle, Edwin C.....	Austin, Texas	Whitney, Mary L.....	Chicago
		Willard, William F.....	Havana, Ill.
		Zissing, Augusta.....	Peru, Ill.

SUMMARY OF STUDENTS

	YOUNG MEN	YOUNG WOMEN	TOTAL
Graduate	3	7	10
College	39	55	94
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	<hr/> 435	<hr/> 278	<hr/> 713
Deduct names counted twice.....			<hr/> 4
			<hr/> 709

RESIDENCE OF STUDENTS

School of Arts and Sciences:		
From Peoria.....	341	
From Illinois (outside of Peoria).....	99	
From other States	71	
	<hr/> 511	511
Horological Department:		
From Peoria.....	6	
From Illinois (outside of Peoria)	33	
From other States	159	
	<hr/> 198	198
		<hr/> 709



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THE HOROLOGICAL DEPARTMENT

The Horological Department gives practical instruction in Watchwork, Engraving, Jewelry, and Optics. It is open throughout the year, and Students can enter at any time. A catalogue will be sent free upon request.

72 H
7/08

Bradley

Polytechnic Institute

IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO

The School of Arts and Sciences

Bradley Hall

Register . . 1907-1908

Announcements for 1908-1909

Peoria, Illinois

May, 1908

238
1898-1899
1898-1899



HOROCY HALL

BRADLEY HALL

BRADLEY POLYTECHNIC INSTITUTE
PEORIA, ILLINOIS

FOUNDED IN 1897

Bradley Polytechnic Institute

IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO

The School of Arts and Sciences

BRADLEY HALL

Register 1907-1908
Announcements for 1908-1909

PEORIA, ILLINOIS

MAY 1908

CALENDAR FOR 1908-1909

September 22.....Tuesday.....Autumn Quarter Begins
 October 8.....Thursday.....Founder's Day
 October 22.....Thursday.....Parents' Meeting
 November 6.....Friday.....Annual Lecture Course Begins
 November 26 and 27.Thursday and Friday.....Thanksgiving Holidays
 December 18.....Friday.....Autumn Quarter Ends

CHRISTMAS VACATION

January 4.....Monday.....Winter Quarter Begins
 January 28.....Thursday.....Day of Prayer for Colleges
 February 22.....Monday.....Washington's Birthday
 March 19.....Friday.....Winter Quarter Ends
 March 22.....Monday.....Spring Quarter Begins
 March 25.....Thursday.....Parents' Meeting
 April 9.....Friday.....Annual Spring Concert

APRIL 17 TO APRIL 25, SPRING VACATION

May 30.....Sunday.....Memorial Day
 June 11.....Friday evening.....Open Night
 June 16.....Wednesday.....Work of Spring Quarter Ends
 June 17.....Thursday.....Class Day
 June 18.....Friday.....Convocation Day

HISTORICAL SKETCH

MR. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. To assist in forming their plans they visited together a number of educational institutions, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later Mrs. Bradley took the matter up and formulated her wishes substantially as they are now expressed in the constitution of the Institute. It was her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the advice of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for buildings and equipment; the fund for these purposes was later largely increased. The death of Mrs. Bradley occurred January 16, 1908, just after the close of the first decade in the history of the Institute.

Work was begun April 10, 1897, upon two buildings, Bradley Hall, devoted to general education, and Horology Hall, where instruction is given in Watchwork, Jewelry, Engraving and Optics. These buildings were occupied in October and November respectively. School work was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall, and this date has been observed annually with appropriate exercises. In 1904 a station of the United States Weather Bureau was established in a building erected by the Government at the north end of the campus.

This catalogue contains the records of the eleventh year, and the announcements for the twelfth year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY	Peoria
<i>President</i>	
LESLIE D. PUTERBAUGH	Peoria
<i>Vice-President</i>	
HARRY A. HAMMOND	Wyoming
<i>Secretary</i>	
HARRY PRATT JUDSON	The University of Chicago
RUDOLPH PFEIFFER	Peoria
ZEALY M. HOLMES	Mossville
ALBION W. SMALL	The University of Chicago

COMMITTEES

<i>Finance</i>	MESSRS. BAILEY, HAMMOND AND PFEIFFER
<i>Buildings and Grounds</i>	MESSRS. BAILEY, SMALL AND PUTERBAUGH
<i>Faculty, Curriculum and Equipment</i>	MESSRS. JUDSON, SMALL AND HOLMES

THEODORE C. BURGESS	<i>Director of the Institute</i>
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FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1907-1908

OFFICERS OF ADMINISTRATION

THEODORE C. BURGESS	{ <i>Director of the Institute.</i>
	{ <i>Dean of College and Higher Academy</i>
DOROTHY DUNCAN	<i>Dean of Women</i>
CHARLES TRUMAN WYCKOFF	<i>Dean of Lower Academy</i>
CLARENCE ELMER COMSTOCK	<i>Recorder</i>

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B. Hamilton College, 1883; A. M., *ibid.*, 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek, University of Chicago, Summers 1900-5; Professor of Greek, *ibid.*, Summers 1906-8; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharpe Manufacturing Co. and Putnam Machine Co., 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers College, New York City, 1891-7; Editor of *Manual Training Magazine*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

HELEN BARTLETT, Ph.D.,* *Professor of Modern Languages.*

Student in Berlin, 1882-4 and 1890; Teacher of German, Peoria High School, 1884-9; Assistant Principal, 1887-9; Student Newnham College, University of Cambridge, England, 1889; A. B. Bryn Mawr College, 1892; A. M., 1893; Ph. D. *ibid.*, 1896; Graduate Student in English and German, Bryn Mawr College, 1892-5; Fellow in English, *ibid.*, 1893-4; Holder of the American Fellowship of the Association of Collegiate Alumnae, 1894-5; Instructor in German, Portland Academy, Portland, Oregon, 1896-7; Student at University of Berlin, Spring and Summer, 1905; Assistant Professor of Modern Languages, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B. Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor in English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1901-3; Graduate Student of History and Political Science, University of Chicago, 1894-96; Fellow, *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-1904.

CLARENCE ELMER COMSTOCK, A.M., *Assistant Professor of Mathematics.*

A. B. Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-94; A. M., Knox College, 1891; Graduate Student in Mathematics, Johns Hopkins University, 1892-3, 1894-5; University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902.

*On leave of absence.

FREDERIC LENDALL BISHOP, Ph.D., *Assistant Professor of Physics.*

Student, Literature and Language, Boston University, 1894-5; S. B., Massachusetts Institute of Technology, 1898; Graduate Student, *ibid.*, Summer, 1898; Graduate Student in Physics, University of Chicago, Summer, 1900; Winter and Spring, 1905; Ph. D., *ibid.*, 1905; Associate in Physics, Bradley Institute, 1898-1900; Instructor, *ibid.*, 1900-1903.

WALES HARRISON PACKARD, S.B., *Assistant Professor of Biology.*

S. B. Olivet College, 1894; Fellow in Zoology, University of Chicago, 1895-8; Instructor in Zoology, Marine Biological Laboratory, Woods Holl, Mass., Summers, 1895-99; Research Work; *ibid.*, Summers 1905-7; Instructor in Physiology, University of Chicago, Summer, 1903; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-1904.

GEORGE CROMWELL ASHMAN, M.S.,* *Assistant Professor of Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, *ibid.*, 1895-6; Teacher Physics and Chemistry, Frankfort, Ind., High School, 1896-1901; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901; Graduate Student, University of Chicago, Summers, 1897-1900; M. S., *ibid.*, 1905; Associate in Chemistry, Bradley Institute, 1901-3; Instructor, *ibid.*, 1903-5.

MARGARET McLAUGHLIN, A.M., *Instructor in English.*

Student, National Normal, Lebanon, Ohio, 1888-1892; A. B., *ibid.*, 1890; L. L. B. by examination before committee of Supreme Court of Ohio, 1892; Instructor in English, National Normal, Lebanon, Ohio, 1896-1901; Lewisville Academy, Lewisville, Texas, 1901-2; Graduate Student, Yale University, 1902-4; University of Chicago, 1904-5; *ibid.*, 1905.

HELEN MARION DAY, B.S., *Instructor in Domestic Science.*

Diploma for teaching Domestic Science, Teachers College, 1903; B. S., Columbia University, 1907; Assistant in Domestic Science, Teachers College, Columbia University, 1903-6; Instructor and Lecturer in Domestic Science, Department of Extension Teaching, Teachers College, 1906-7; Instructor in Domestic Science, Lyndhurst Industrial School, Summers, 1903, 1904; Instructor in School of Domestic Science, Chautauqua, N. Y., Summer, 1907.

CLINTON SHELDON VANDEUSEN, M.E., *Instructor in Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-98; Associate in Manual Arts, Bradley Institute, 1898-1904.

WILLIAM HENRY BRYAN, B.S., *Instructor in Chemistry.*

B. Ped., Ohio Normal University, 1902; B. S., University of Chicago, 1904; Instructor in Physics and Chemistry, DeKalb Township High School, 1904-5; Graduate Student, University of Chicago, 1905-6; Instructor in Physics and Chemistry, Deerfield Township High School, 1906-7.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy.*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, O., Worthington Hydraulic Works, New York, and Pittsburg Locomotive Works, Pittsburg, Pa. For six years Mechanician, Department of Experimental Engineering, Cornell University. Assistant in Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1902-4.

MARY BATES BLOSSOM, *Instructor in German and French.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Student, University of Chicago, Summers, 1903-4, 1907; Student, Guilde Internationale and Sorbonne, Paris, 1905-6.

DOROTHY DUNCAN, A.B., *Instructor in German and Latin.*

A. B., University of Chicago, 1904; Student at the University of Berlin, 1904-5.

ADELAIDE MICKEL, *Instructor in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student, Harvard University, Summer, 1902.

*On leave of absence.

FREDERICK HUSTON EVANS, M.E., *Instructor in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4; with Link Belt Machinery Co., Chicago, Summer, 1905; M. E., State College of Kentucky, 1906; Draftsman on Union Stock Yards Power Plant for Sargent & Lundy, Chicago, Summer, 1906.

BERTHA MAY SCULLIN, A.B., *Assistant in Domestic Economy.*

Student Assistant in Domestic Economy, Bradley Institute, 1902-3; Graduate, *ibid.*, 1903; A. B., University of Chicago, 1906.

JOSEPH STITT BIKLE, A.M., *Assistant in Mathematics.*

A. B., Columbia University, 1903; A. M., *ibid.*, 1904; Teacher High School, Hagerstown, Md., 1904-5; New Brighton, Pa., 1905-6; Altoona, Pa., 1906-7.

GEORGE RALEIGH COFFMAN, A.B., *Assistant in English.*

A. B., Drake University, 1903; Student Tutor, Greek, 1901-1903; Teacher Public Schools, Moulton, Iowa, 1903-4; Instructor in English, East High School, Des Moines, Iowa, 1904-6; Graduate Student, University of Chicago, Summer, 1905-7; Reader in English, University of Chicago, Summer, 1906.

FRANK CRERIE, *Assistant in Drawing.*

Graduate Massachusetts Normal Art School, 1905; Student under Phillip Hale, Art Museum, Worcester, Mass., 1897-9, 1901-4; Graduate Boston Evening Drawing School; Student under Laurin Martin in Arts and Crafts Work, 1904-5; Teacher Boston Public Schools, 1905; Illustrator for Richards Publishing Co., Boston, Mass., 1906.

LLOYD HOLSINGER, A.B., *Assistant in Mathematics.*

A. B., University of Michigan, 1907; Substitute Teacher Mt. Morris High School, 1903-4; Principal Eureka School, Polo, 1905; Principal West Grove School, Forreton, 1906.

BERTHA REED, A.M., *Assistant in German.*

Ph. B., De Pauw University, 1898; A. M., *ibid.*, 1900; Instructor in Latin and German and Dean of Women, Grand Prairie Seminary, Onarga, 1898-1900; Instructor in German, High School, Decatur, 1900-2, 1905-6; Graduate Student in German and English, University of Berlin, 1902-3; University of Zurich, 1903-4; Research Work in British Museum, Summer, 1903; Instructor in German, Girls' Latin School, Baltimore, 1904-5; Fellow in Teutonic Philology, Bryn Mawr College, 1906-7.

MELVIN DEFOREST RENKENBERGER, A.B., *Assistant in Biology and Physics.*

A. B., Wabash College, 1906; Teacher Public Schools, Noble Co., Ind., 1895-8; Principal Township High School, La Otto, Ind., 1893-1903.

IVA FRANCES ROCKWELL, A.B., *Assistant in Latin and Greek.*

Graduate Bradley Institute, 1904; A. B., University of Chicago, 1906.

MARTHA SHOPBELL, B.S., *Assistant in Domestic Economy.*

B. S., University of Wisconsin, 1899; Teacher in Wisconsin High Schools, 1899-1902; Student, Pratt Institute, 1902-4; Graduate, Normal Domestic Science Course, *ibid.*, 1904; Teacher, New York City Vacation Schools, 1903-4; Student, Boston Cooking School, Summer, 1907.

KATHERINE FEDORA WALTERS, A.B., *Assistant in Latin.*

M. Di., Iowa State Normal School, 1904; A. B., University of Michigan, 1906; Teacher High School, Grand Junction, Iowa, 1898-9; Principal High School, Eldora, Iowa, 1899-1900; Teacher, Keokuk, Iowa, 1900-1; Cedar Falls, Iowa, 1901-4.

GRACE EATON HAUKE, *Assistant in English and Library.*

Student Assistant in English, Bradley Institute, 1906-7; Graduate, *ibid.*, 1907; Student, Iowa Library School, Summer, 1907.

ALICE BEATRICE MEYER, *Assistant in Drawing.*

Graduate of Teachers' Training School, Davenport, Iowa, 1904; Graduate of Normal Art Department, Chicago Academy of Fine Arts, 1906; Teacher, Sterling, 1906-7.

DEWEY ALSDORF SEELEY, B.S., *Lecturer in Meteorology.*

B. S., Michigan Agricultural College, 1898; Assistant Observer, U. S. Weather Bureau, Lansing, Mich., 1898; Albany, N. Y., 1898-9; Philadelphia, Pa., 1899-1900; Chicago, Ill., 1900-3; and First Assistant, Chicago, Ill., 1903-5; Observer U. S. Weather Bureau, Peoria, Ill., 1905,

STUDENT ASSISTANTS

BENJAMIN S. BEECHER, *Chemistry*

EDWARD A. CUSHING, *Physics*

GLEN M. EBAUGH, *Metalworking*

A. LOUISE GIBSON, *Drawing*

MARGUERITE B. HAYWARD, *English*

GEORGE E. HUTTER, *Drawing*

GEORGE C. MAHLE, *English*

CHARLES G. MASON, *English*

M. ETHELWYN MOSS, *Mathematics*

JOSEPH W. PAUL, *Drawing*

OLIVE E. RADLEY, *Chemistry*

OTHER OFFICERS

J. L. CADWALLADER, *Cashier*

JOSEPHINE O. CLINE, *Stenographer*

S. D. LYMAN, *Superintendent of Buildings and Grounds*

HOMER M. BOTTS, *Engineer*



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

ADMISSION

Entrance.—Graduates of the eighth grade of the Peoria public schools, of the graded schools of Peoria County, and such other grammar schools as the Institute may approve, will be admitted to the first year of the Lower Academy without examination. Such students should present a diploma or certificate of graduation. Other applicants must present a statement of work done, signed by the Principal, and pass an examination in *Arithmetic, English, Grammar and Composition, Geography, American History*. A solid foundation in *Arithmetic* and *English* is especially desirable. Examinations for entrance to the first year will be held on any Saturday in July or September, in Bradley Hall, provided application is made by letter to the Institute beforehand.

Admission to Advanced Standing.—Graduates and students who have done work in high schools, academies and colleges, will be admitted on presentation of a certificate of the kind, amount and grade of work completed by the applicant, together with the titles of text-books used and time spent upon each subject. A blank form for this statement will be furnished to school officials and prospective students upon application to the Director. Upon the basis of this statement, the student will be assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, the credits from his former school will be accepted in so far as they cover the work of the Institute.

Admission to the College.—Graduates of the Peoria High School and other schools of equal grade may be admitted to the College in the Science, Literature and Classics groups upon the plan of entrance requirements in force at the University of Chicago.

Admission of Unclassified Students.—Students of mature age who for sufficient reasons do not wish to pursue a regular course, may be admitted without examination or certificate. They are known as unclassified students.

References.—Every student will be required to furnish the names of two or more persons to whom the Institute may apply for information concerning the student.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.

CURRICULUM

THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Trade or Technical Work. (2) Advanced Study in a College, University, or School of Engineering. (3) Professional Study in Law or Medicine. (4) Teaching Manual Training or Domestic Science.

Divisions: The six years of study are divided into three two-year periods, as follows:

The Lower Academy (First and Second years).

The Higher Academy (Third and Fourth Years).

The College (Fifth and Sixth Years).

1.—LOWER ACADEMY, *corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is nearly the same in all groups. The most important exception is the Mechanic Arts, where earlier specialization is necessary.

2.—HIGHER ACADEMY, *corresponding to the last two years of a High School Course.* When the student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—COLLEGE, *corresponding (according to the group) to the Freshman and Sophomore years in a College, University or Engineering School.* In the college the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading colleges and universities, such as Vassar, Wellesley, Smith, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mt. Holyoke, Cornell, Wisconsin, Michigan, Chicago and other institutions of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group, where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. SCIENCE GROUP, which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. ENGINEERING GROUP, which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. CLASSICS GROUP, which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. LITERATURE GROUP, which is especially strong in Modern Languages and Latin. It prepares students for the third year of college courses leading to the degree of Ph. B. or B. L.

5. MECHANIC ARTS GROUP, which is designed to meet the demand for training that fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. Owing to the fact that this

group is specialized from the beginning, applicants for admission to it may be required to present the written permission of their parents. When desired, this line of work may be continued under direction of the Faculty two years longer, thus making it a six-year group.

Combination Group.—Literature-Science. Students may take the Literature Group in the Higher Academy and the Science Group in the College and receive the same degree as that granted students who have completed the Science Group.

TEACHERS' COURSES IN MANUAL TRAINING AND DOMESTIC ECONOMY

I. A COURSE PREPARATORY TO TEACHING MANUAL TRAINING

Requirements for admission:

(a) *Four Years of Approved Academic Work.*

This Academic work should include English, Mathematics, Foreign Language, Science and History. It should also include work in (a) Freehand Drawing, (b) Woodwork and Mechanical Drawing.

Those who fail to present (a) and (b) may supply this lack by taking courses in the summer school (June 29-Aug. 1) or these and any other Academic subjects lacking may be taken in the regular classes of the Institute.

(b) *Collegiate Study*, covering a period of at least one year.

Teaching experience may be accepted in individual cases as partial or complete substitute for this collegiate study.

A certificate will be given those who present these requirements and also complete the following:

1. Organization of Manual Training 34 (*One Major*).*
2. Elementary Handwork 33 (*Two Majors*).
3. Woodworking 31 (*Three Majors*).
4. Metalworking 2 (*Two Majors*).
5. Constructive Design and Drawing 32 (*Two Majors*).
6. Design 20 (*Two Majors*).

Students who have taken courses equivalent to any of the above before entering the Institute, will be given due credit and may be as-

*A major means twelve weeks' work with five recitations a week.

signed to advanced courses in Pattern Making, Machine Construction, Machine Drawing and Design, Freehand Drawing, etc.

This group is especially well suited to those who have already proven their ability to teach other subjects and are now desirous of fitting themselves to teach Manual Training. To those already engaged in teaching this subject it offers new points of view and advanced study. Many students will find it advantageous to spend two years in this course instead of one. This will enable them to broaden their preparation for teaching by adding several elective courses not named above, and in some cases it will be possible to secure both the Manual Training certificate and a diploma of the Institute. Courses taken in the Summer School (see summer circular) may be counted toward a certificate, and in exceptional cases, the certificate may be given for summer work only. Every application will be considered upon its merits.

PROGRAM OF STUDIES

Manual Training	AUTUMN	WINTER	SPRING
	Organization of Manual Training 34 Elementary Handwork 33 Drawing 32 Woodworking 31 Metalworking 2 Design 20	Organization of Manual Training 34 Elementary Handwork 33 Drawing 32 Woodworking 31 Metalworking 2 Design 20	Organization of Manual Training 34 Elementary Handwork 33 Drawing 32 Woodworking 31 Metalworking 2

II. A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four Years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong laboratory courses in each, and if possible Drawing, should be included in the high school course. Any high school subjects which are lacking may be taken at the Institute. This, of course, would mean that a longer time would be needed to complete the work required for a certificate. College graduates who have had some technical training may complete the course in one year.

A certificate is granted to all who present the requirements for admission and complete the following:

1. Plain Sewing 7 (*Two Majors*).
2. Dressmaking 8 (*One Major*).
3. Cooking 9 (*Three Majors*).
4. Food and Dietetics 5, 6 (*Two Majors*).
5. Foods 15 (*One Major*).
6. Home Nursing 12 (*One Major*).
7. Chemistry, Chemistry of Foods, Chemistry 2, 3 (*Three Majors*).
8. Human Physiology, Biology 4 (*Two Majors*).
9. Bacteriology, Biology 5 (*One Major*).
10. Design, Manual Arts 20 (*One Major*).
11. House Construction, Sanitation, Decoration 10 (*One Major*).
12. Household Administration 11 (*One Major*).
13. Textiles 13 (*One Major*).
14. Teaching of Domestic Economy 14 (*One Major*).

(The numbers after the courses are those of Department Statements)

Those who present four years of Academic work including Physics and Chemistry should be able to secure the certificate in two years. During these two years 24 majors should be completed; the 19 required majors are specified above, leaving 5 majors for elective work which should be preferably in subjects outside of Science or Domestic Economy. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the certificate in a shorter time.

Those who have completed the Science, Literature or Classics Groups at the Institute may secure the certificate by one year's additional work.

PROGRAM OF STUDIES

Domestic Economy	FIRST YEAR		
	Plain Sewing 7	Plain Sewing 7	Dressmaking 8
	Cooking 9	Cooking 9	Cooking 9
	Biology 4	Biology 4	Bacteriology 5
	Elcctive	Elective	Elective
	SECOND YEAR		
	Food and Dietetics 5	Food and Dietetics 6	Foods 15
	Design 20	House Construction, Sanitation, Decoration 10	Household Administration 11
	Home Nursing 12	Teaching Domestic Economy 14	Textiles 13
	Chemistry 2	Chemistry 2	Chemistry 3

PROGRAM OF STUDIES BY QUARTERS

NOTE.—Some studies are followed by the course number used in the department statements, pages 21-42; e. g. English 5 is described on page 27 and Biology on page 21, etc. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra Latin English Woodworking or Sewing, and Drawing	Algebra Latin English Woodworking or Sewing, and Drawing	Algebra Latin Botany Woodworking or Sewing, and Drawing

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹ Latin ² English ³ Zoology ⁴ Metalworking or Sewing, and Drawing	Geometry Latin English ³ Zoology ⁵ Metalworking or Sewing, and Drawing	Geometry Latin English Metalworking or Sewing, and Drawing

MECHANIC ARTS GROUP**

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra English Drawing Woodworking Metalworking	Algebra English Drawing Woodworking Metalworking	Algebra Botany Drawing Woodworking Metalworking

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹ English ³ Zoology Mechanical Drawing Framing, Pattern-Making	Geometry English ³ Zoology ⁵ Architectural Drawing Pattern-making and Foundry	Geometry English Civics Forging

* Statements about these groups may be found on page 11,

1 Four recitations a week in Fall Quarter.

2. Students intending to enter the Engineering Group may take German in place of Latin.

3. One recitation a week, Fall and Winter Quarters.

4. Those requiring three years German for college entrance may substitute beginning German for Zoology.

5. One hour taken out for English in Winter Quarter.

** Statement about this group may be found on page 11,

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)

	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics 1 Modern Language or Vergil History of Greece Drawing 12	Physics 1 Modern Language or Vergil English 3 Drawing 12	Physics 1 Modern Language or Vergil English 4 Solid Geometry	Chemistry 1 Modern Language Review Algebra Shop or Cooking	Chemistry 1 Modern Language or Cicero English 5 Shop or Cooking	Chemistry 1 Modern Language or Cicero History of Rome Shop or Cooking
Engineering	Physics 1 Modern Language English 3 Drawing 12	Physics 1 Modern Language Solid Geometry History of Greece	Physics 1 Modern Language English 4 History of Rome	Chemistry 1 Modern Language Review Algebra Shop	Chemistry 1 Modern Language English 5 Shop	Chemistry 1 Modern Language Trigonometry Shop
Classics	Vergil Greek 1 Physics 1 History of Greece	Vergil Greek 1 Physics 1 Solid Geometry	Vergil Greek 1 Physics 1 English 3	English 4 Xenophon Review Algebra Shop or Cooking	Cicero Xenophon English 5 Shop or Cooking	Cicero Homer History of Rome Shop or Cooking
Literature	Vergil Modern Language Physics 1 History of Greece	Vergil Modern Language Physics 1 Solid Geometry	Vergil Modern Language Physics 1 English 3	English 4 Modern Language Review Algebra Shop or Cooking	Cicero Modern Language English 5 Shop or Cooking	Cicero Modern Language History of Rome Shop or Cooking
Mechanic Arts	Review Algebra Physics 1 Drawing 12 Shop 26	Solid Geometry Physics 1 Drawing 12 Shop 26	Trigonometry Physics 1 Lettering Shop 26	Steam and Electricity Chemistry 1 Machine Construction Drawing 16.	Steam and Electricity Chemistry 1 English 3 Drawing 16	Steam and Electricity Chemistry 1 English 4 Drawing 16

PROGRAM BY QUARTERS—CONTINUED

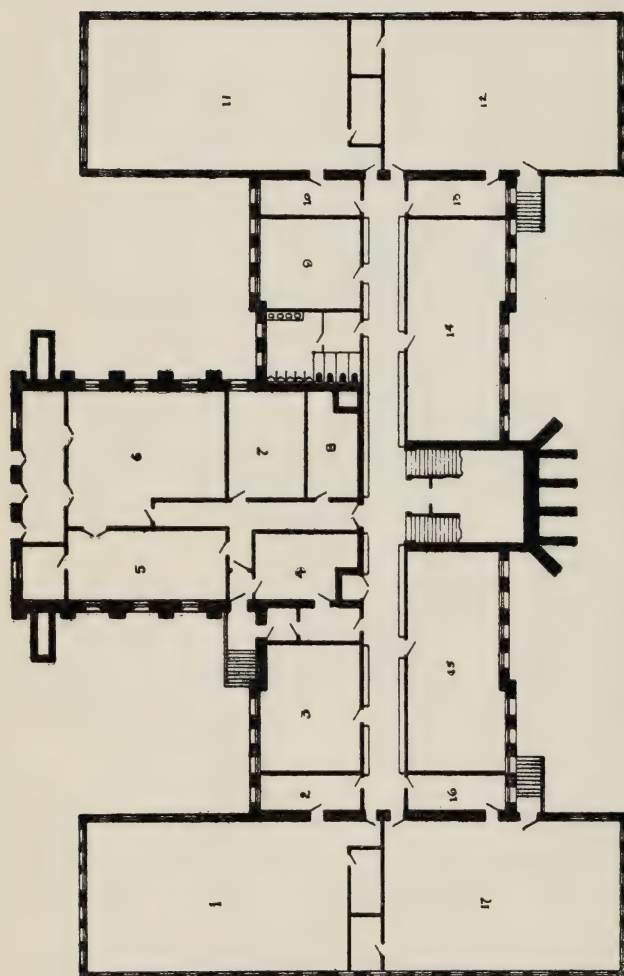
COLLEGE (BY GROUPS)

FIFTH YEAR			SIXTH YEAR			
AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING	
Modern Language Biology 3 or Chemistry 2 or Physics 2 Trigonometry Drawing or Cooking	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Dietary Studies	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Sanitation	Physiology Mathematics 7 English 6 Medieval History	Physiology Mathematics 7 English 7 Modern History	Bacteriology Mathematics 7 English 8 Constitutional History	Science
Mathematics 7 Modern Language English 6 Mechanical Drawing	Mathematics 7 Modern Language English 7 Descriptive Geometry	Mathematics 7 Modern Language Surveying Descriptive Geometry	Physics 3 Calculus Shop Drawing 16 Medieval History *	Physics 3 Calculus Shop Drawing 16 Modern History	Physics 3 Calculus Shop, Drawing 16 Constitutional History or Analytic Mechanics	Engineering
Modern Language Plato Biology 3 or Chemistry 1 Medieval History	Modern Language Homer Biology 3 or Chemistry 1 Modern History	Modern Language Sophocles Biology 3 or Chemistry 1 Constitutional History	English 6 Cicero Modern Language Drawing or Cooking	English 7 Livy Modern Language Drawing or Dietary Studies	Trigonometry ** Horace Modern Language Drawing or Sanitation	Classics
Modern Language Cicero Biology 3 or Chemistry 1	Modern Language Livy Biology 3 or Chemistry 1	Modern Language Horace Biology 3 or Chemistry 1	English 6 Medieval History German 4 Drawing or Cooking	English 7 Modern History German 4 Drawing or Dietary Studies	English 8 Constitutional History Trigonometry ** Drawing or Sanitation	Literature

The program of Studies for the Teachers' Courses in Manual Training and Domestic Economy may be found on page 14.

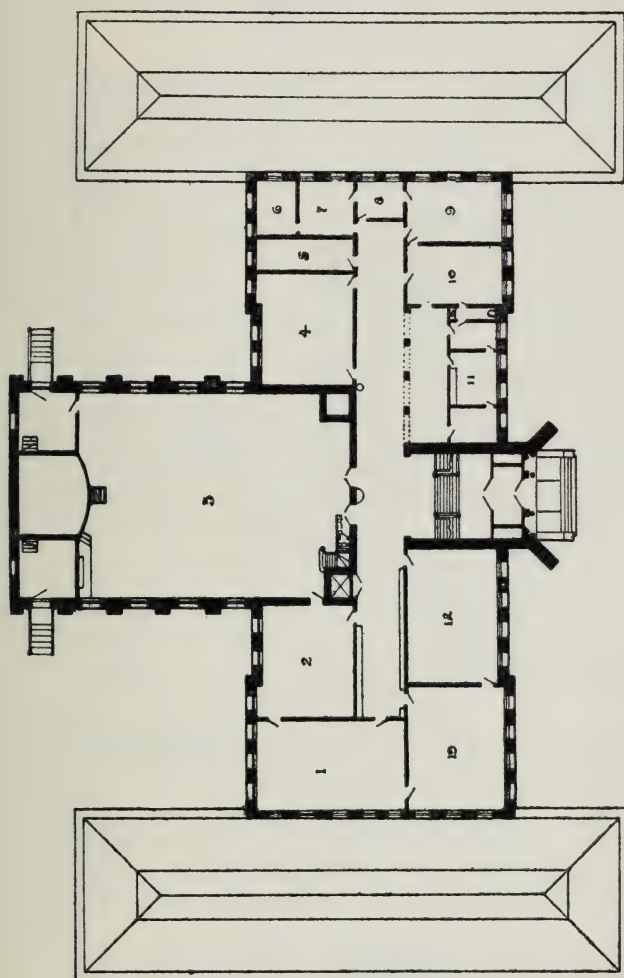
* Those whose plans for future study render it desirable may take Chemistry 2 in place of History (Three Majors.)

** In place of Trigonometry Classics students may take English 8 and Literature students continue German 4.



BASEMENT PLAN

- | | | | |
|----|------------------------|----|----------------------|
| 1 | Pattern Shop | 12 | Metalworking Room |
| 2 | Supt. of Buildings | 13 | Chemical Store Room |
| 3 | Physics Lecture Room | 14 | Chemistry Laboratory |
| 4 | Store Room | 15 | Physics Laboratory |
| 5 | Engine Room | 16 | Wash Room |
| 6 | Boiler Room | 17 | Woodworking Room |
| 7 | Lumber Room | | |
| 8 | Kiln Room | | |
| 9 | Chemistry Lecture Room | | |
| 10 | Wash Room | | |
| 11 | Machine Shop | | |



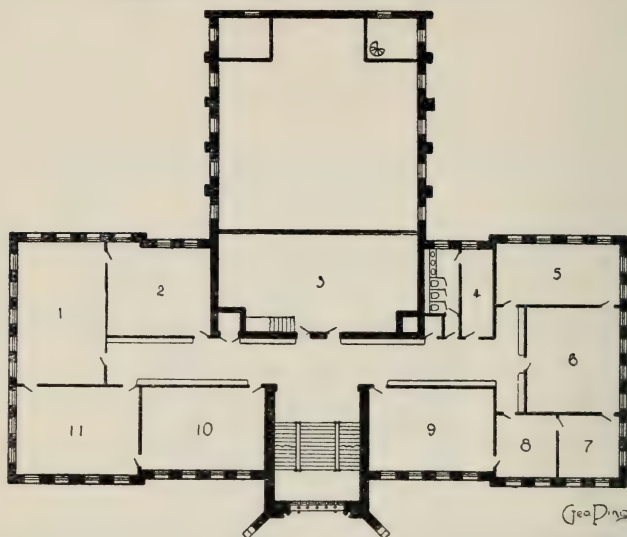
FIRST FLOOR

- 10 Reception Room
- 11 General Office
- 12 Latin
- 13 Latin and History

- 5 Book Room
- 6 Office, Dean of Lower Academy
- 8 Office of the Recorder
- 9 Office of the Director

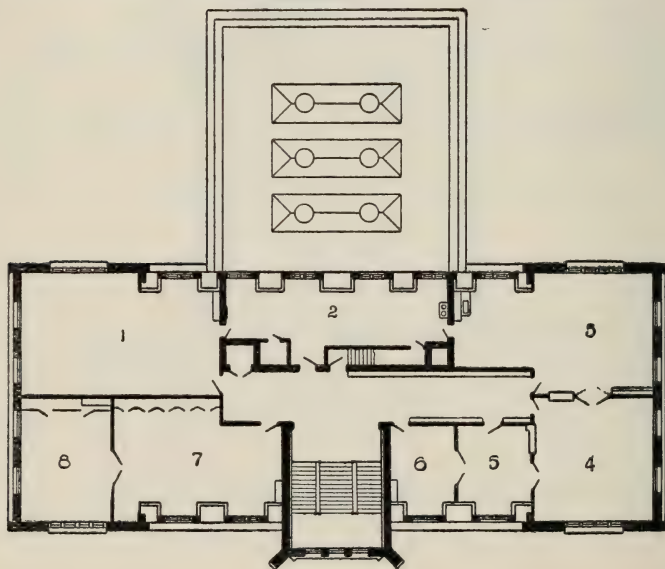
- 1 History
- 2 Library
- 3 Chapel
- 4 English

BRADLEY POLYTECHNIC INSTITUTE



SECOND FLOOR

- | | | |
|--------------------------|---------------------------|----------------|
| 1 ^{1/2} Biology | 5 French and Mathematics | 8 Waiting Room |
| 2 Mathematics | 6 Greek | 9 German |
| 3 Gallery of Chapel | 7 Office of Dean of Women | 10 Mathematics |
| | 11 Museum | |



THIRD FLOOR

- | | | |
|----------------------|------------------------|----------------------------|
| 1 Lunch Room | 4 Lecture Room | 6 Office, Domestic Economy |
| 2 Kitchen | 5 Practice Dining Room | 7-8 Sewing |
| 3 Cooking Laboratory | | |

DEPARTMENTS

BIOLOGY

THIS Department aims to present, in so far as limited time permits, both the practical and the important theoretical sides of Biology. It makes especial effort to give good training to students preparing enter the study of medicine.

The laboratories are equipped with dissecting and compound microscopes, microtomes, glassware, aquaria and other instruments and supplies needed for Biological work. For the Physiological and Bacteriological work in the College, there are duplicate sets of the Harvard physiological apparatus, kymographs, a spring myograph, Mosso's ergograph, electric centrifuge, considerable apparatus for the study of circulation and respiration, apparatus for the study of the blood and urine, a Reichert polariscope for the study of sugar, steam and hot air sterilizers, incubator, models of the eye, ear, etc., and a full line of supports and re-agents. For Zoology there is a good collection of Leuchart's charts, prepared skeletons of the representative groups and a considerable collection of demonstration material, including a collection of shells and corals presented to the Institute by several gentlemen of Peoria, a collection of insects from the University of Illinois, and all mounted birds, mammals and other biological collections of the Peoria Scientific Association. For botany, the laboratory has a herbarium presented by Miss Heading, of Peoria, and all other demonstration material and apparatus needed for the course given. The laboratory also has an electric stereopticon with microscopic attachment and a growing collection of slides.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the more representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made. A Biological club has been formed. It has been studying the general topic of evolution during the year.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological

experiments performed by the students. The compound microscope is used for demonstration, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observations and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week.

COLLEGE

3. *General Biology (Three Majors)*. This course is designed primarily for students who are preparing for medicine, but it is open also to other students. Typical forms of animals and plants studied with reference to their anatomy and physiology, the design of the course being a study of their structure and function, rather than their systematic position. It is aimed to give the student a broad conception of the general principles of Biology including a discussion of such problems as heredity, variation and adaptation. The concluding lectures deal with the theory of organic evolution. Introductory work with the compound microscope, including the technic of slide preparation. Lectures and laboratory, ten hours a week.

4. *Human Physiology (Two Majors)*. The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general students as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science.

Lectures and laboratory, ten hours a week. Prerequisite, Elementary Chemistry.

5. *Bacteriology (One Major)*. The general methods of Bacteriology with sanitary and industrial applications. The general biology of bacteria and cultivation and systematic study of the common non-pathogenic and a few pathogenic organisms and their effects. Hygienic aspects of Bacteriology, testing of disinfectants, bacteriological examination of water, air, soil, milk, etc. Discussion of the problems of Water Supply and Public Health. Lectures and laboratory, ten hours a week.

CHEMISTRY

The aim of this department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in everyday life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to enable the student to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The laboratory has also complete equipment for electrolytic analysis, analysis of water, gas analysis, analysis of iron and steel, and assaying.

HIGHER ACADEMY AND COLLEGE

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements, compounds of oxygen, hydrogen, water, chlorine, hydrochloric acid, atomic theory, nitrogen and ammonia. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of the non-metallic elements, the halogen, sulphur and nitrogen groups, valence, solution and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be able to identify any simple salt, and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week. Prerequisite, Physics 1, or its equivalent.

COLLEGE

2. *Advanced General Chemistry and Qualitative Analysis (Two Majors)*. (a) The lectures and recitations on advanced general chemistry deal with the subject as presented in Ostwald's Principles of Inorganic

Chemistry; study of the theory of solution, electrolytic dissociation, hydrolytic dissociation, mass action and chemical equilibrium, three hours a week. In the laboratory, reactions of basic and acid ions, analysis of mixtures, seven hours a week.

(b) Same as (a); Analysis of complex mixtures, ores, and compounds of rare elements. Lectures and laboratory, ten hours a week.

(c) *Organic Chemistry and Elementary Quantitative Analysis (One Major)*, Organic Chemistry, aliphatic series, three hours a week. Analytical chemistry, methods in gravimetric, volumetric and electrolytic determinations, seven hours a week. Prerequisite, Chemistry 1.

3. *Chemistry of Foods. (One Major)*. Organic Chemistry three hours a week. Lectures and laboratory work in the examination and testing of food materials, seven hours a week. Prerequisite, Chemistry 2, (a) and (b).

4. *Special Methods in Advanced Analysis (Three Majors)*. Analysis of ores, water analysis, proximate food analysis, analysis of iron and steel, electrolytic methods. Prerequisite, Chemistry 1 and 2.

DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in Domestic Economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of Domestic Economy:

LOWER ACADEMY

1. *Sewing (Two Majors)*. A full course in hand sewing, consisting of basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing of garments.

4. *Cooking (Three Majors)*. This course aims to teach the fundamental principles of cooking and serving food. It includes the general study of the production, nutritive value and cost of food materials. Laboratory work in cooking in small and large quantities.

5. *Food and Dietetics (One Major)*. A critical study of food materials from a chemical, physiological and economic standpoint. The food requirements of the body under varying conditions are considered, and dietaries made. Lectures, recitations and written work.

6. *Food and Dietetics (One Major)*. The application of the preceding course to actual problems—making menus, marketing, preparation and serving of meals. Special methods of working out dietaries. Lectures and laboratory work. Prerequisite, Domestic Economy 5 and 9.

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of undergarments, a shirt waist and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. A modification of 4 to suit the needs of normal and other advanced students. Laboratory work in cooking in small and large quantities.

Prerequisite, Chemistry 1.

10. *House Construction, Sanitation and Decoration. (One Major)*. A study of the home. The course includes (a) lectures on planning with reference to convenience, cost, site, cellar, foundations, materials, framing, finish, plumbing, heating, lighting, furnishing, decoration; (b) planning a house to meet given conditions; (c) making set of working drawings, including floor plans, elevations, details, and color studies of interior.

Prerequisite, Manual Arts 20.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, domestic service, care of the house, including the various cleaning processes. Lectures, recitations, assigned readings and practical work.

Prerequisite, Domestic Economy 6 and 10.

12. *Home Nursing, Emergencies and Invalid Cooking (One Major)*. What to do in cases of emergencies, as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

Prerequisite, Domestic Economy 9.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The development of spinning and weaving and modern processes of manufacturing. The laboratory work includes weaving, dyeing, laundering and basketry. Lectures, reading and laboratory work.

14. *Teaching of Domestic Economy (One Major)*. Application of the general principles of teaching to the teaching of the various branches of Domestic Economy in elementary and high schools. Correlation with other studies in the curriculum. History of the development of the domestic economy movement in the United States. Planning courses of study and equipment for specific schools. Practice teaching.

15. *Advanced Course in Cooking (One Major)*. This course is intended (a) to give additional practice in cooking, especially in large quantities; (b) practice in demonstrations; (c) practice in applying school-room methods in cooking.

Prerequisite 9, 5 and 14.

ENGLISH

The work of the Department of English has four general aims: 1—Power to speak and write well. 2—An intelligent love of good literature. 3—A knowledge of the laws which govern expression of thought by words. 4—Familiarity with the chief facts of the history of the English language and literature,

To accomplish the first of these ends, effort is made to improve the every-day spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and to avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the history of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the

very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

1. (a) *Study of Literature*: "Kidnapped," or "Treasure Island."

Composition: Short Narrations and Descriptions; special attention to spelling, punctuation and sentence structure.

- (b) *Study of Literature*: "The Lady of the Lake;" "Last of the Mohicans;" "Julius Caesar."

Composition: Same as course (a) Weekly Themes (*Two Majors*).

2. (a) *Study of Literature*: "The Merchant of Venice;" "The Ancient Mariner;" "The Vision of Sir Launfal."

(b) *Composition*: More advanced work along same line as in Course 1 (b), with additional attention to correct and effective use of words, review of fundamental principles. Weekly Themes (*One Major*).

Prerequisite, Course 1.

In addition to Course 2, second-year students take English one hour per week for two quarters. This consists of Irving's "Oliver Goldsmith," Eliot's "Silas Marner."

HIGHER ACADEMY

3. (a) *Study of Literature*: "Macbeth," "Idylls of the King," "Ivanhoe."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly (*One Major*).

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration, with introductory study and practice in exposition; themes twice a week. Study of "Speech on Conciliation with America," selections from Sir Roger de Coverly Papers, and Macaulay's Essays on Johnson and Addison, with special attention, in connection with the theme work, to rhetorical elements (*One Major*).

Prerequisite, Course 3.

5. *Study of Literature* (*One Major*) "The Tempest," "L'Allegro," and "Il Penseroso;" "Paradise Lost," Books I and II; Macaulay's Essays on Milton, selected poems of Burns; Carlyle's "Essay on

Burns;" "The Princess;" "Silas Marner." Special attention is given in the history of literature to the periods of Shakespeare and Milton.

Prerequisite, Course 3.

COLLEGE

6. *Rhetoric and Composition (One Major)*. A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition and argument. Themes required weekly.

Prerequisites, Courses 4 and 5.

7. *English Literature (One Major)*. Introductory study of the history of the English language and literature, with accompanying study of selected poetry and prose.

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition (One Major)*. Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style.

Prerequisite, Course 6.

GERMAN AND FRENCH

I. GERMAN

The aim of Courses 1 and 2 is the acquisition of a large vocabulary and of such knowledge of the structure of the language as will enable the student to translate at sight German of moderate difficulty. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode, and the simpler idioms. Frequent practice in conversation and in translation from English into German familiarizes the pupil with ordinary colloquial German. Courses 3 and 4 extend the student's acquaintance with the best modern German prose as well as with the literary movements of the eighteenth century. Course 2 (b) is especially adapted to those who desire facility in translating prose, so that they may refer directly to the works of modern German scientists.

HIGHER ACADEMY OR COLLEGE

1. *German Grammar*. Leander, *Träumereien*; Storm, *Imensee*. Translation at sight is introduced as early as practicable. (*Three Majors*).

2. (a) *Thomas, Practical German Grammar, Part I; Bernhardt, German Composition.* The texts read are the following or equivalents: *Lessing, Minna von Barnhelm; Schiller, Wilhelm Tell; Heyse, L'Arrabbiata; Benedix, Einer muss heiraten.* Sight translation of simple prose, colloquial practice.

(b) *Dippold, Science Reader. (Three Majors).*

COLLEGE

3. (a) *Thomas, German Grammar, selections from Part II; Jagemann, German Syntax, Prose Composition.*

(b) The texts read are the following or equivalents: *Rosegger, Waldheimat; Freytag, Karl der Grosse; Sudermann, Frau Sorge; Goethe, Iphigenie.* Sight translation; reproduction of narrative prose, oral and written; much colloquial practice. (*Three Majors*).

4. Critical reading of representative works of *Lessing, Goethe and Schiller*; such as, *Goethe, Hermann and Dorothea* (private reading), *Egmont*, selections from *Dichtung and Wahrheit*; *Lessing, Emelia Galotti, Nathan der Weise*; or *Schiller, Maria Stuart, Wallenstein*, selections from *Der dreissigjährige Krieg.* Lyrics and ballads. A careful study of the above authors, together with themes in German on subjects suggested by the course. Colloquial practice. (*Three Majors*),

II. FRENCH

In the first year of this course, special stress is laid upon the principles of grammar and composition. Reading of easy prose, frequent dictation, memorizing French, and practice in conversation aid the student in understanding both written and spoken French.

In the second year, the study of the grammar is continued together with more advanced composition. The reading includes some of the works of modern authors as well as some of the classic dramas of the seventeenth century. Rapid sight-reading, conversational practice, dictation, and memorizing French form an important part of the course.

HIGHER ACADEMY OR COLLEGE

1. *Fraser and Squair, French Grammar; François and Giroud, Easy French; François, French Composition, Part I; Daudet, La Belle Nivernaise. (Three Majors).*

2. *Fraser and Squair, French Grammar; Bouvet, Syntax and Composition; François, French Composition, Part II.* The texts read are the following or equivalents: *Erckmann-Chatrain, Le Conscrit de 1813; Augier, Le Gendre de M. Poirier; Malot, Sans Famille; Maupassant, Huit Contes Choisis; Molière, Le Bourgeois Gentilhomme; Sandeau, Mlle. de la Seglière; Pailleron, Le Monde où l'on s'ennuie (Three Majors).*

HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

2. *Civil Government (One Major.)* An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

HIGHER ACADEMY

3. *Greek History. (One Major.)*

4. *Roman History. (One Major.)*

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history. Causes leading to the transition to the medieval age.

COLLEGE

5. *The Medieval Period. (One Major.)* The Franco-Roman Reorganization of Europe. Feudalism. The conflict between the Empire and the Papacy. The development of national states. The reflex influence of the Crusaders on Europe. The Renaissance.

Prerequisite, Course 4.

6. *The Modern Period. (One Major.)* The Reformation and age of Religious Wars. Europe under Bourbon and Hapsburg. The rise of Prussia and Russia. The expansion of England. The French Revolution and Napoleonic Era. Europe after 1815.

Prerequisite, Course 5.

7. *Topics in the Constitutional History of the United States. (One Major.)* This course gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Note: A valuable collection of public documents affords especial facilities for the work of this course.

LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; Cæsar, *Gallic War*; Eutropius, *Roman History*; Nepos, *Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the College a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin, however, still forms the substantial part of the work. Close attention is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses translation at sight will form a part of the work. Each student will be encouraged to work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons.* (*Three Majors.*)
2. Cæsar and Prose Composition. (*Three Majors.*)

HIGHER ACADEMY

3. Vergil. (*Three Majors.*)
4. Cicero, Orations; prose Composition. (*Two Majors.*)

COLLEGE

5. (a) Cicero, *De Senectute*; Terence, *Phormio*. (*One Major.*)
(b) Livy, Book I or XXI. (*One Major.*)
(c) Horace, *Odes*. (*One Major.*)

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

III. GREEK

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Especial attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompanies the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected department library.

HIGHER ACADEMY

1. *Elementary Greek* (*Two Majors*). Xenophon, *Anabasis*, Book I; Prose Composition. (*One Major*.)

2. (a) Xenophon, *Anabasis*, Books II and III, and Book IV, or selections from Xenophon, *Hellenica* (*Two Majors*.) Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books. (*One Major*.)

COLLEGE

(3) (a) Plato, *Apology* and *Crito*. (*One Major*.)

(b) Homer, about 12 books of the *Odyssey*. (*One Major*.)

(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alcestis* or *Medea*; Sophocles, *Antigone*. (*One Major*.)

Exercises in writing Greek and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).



COOKING LABORATORY



SEWING ROOM



A CLASS IN LATIN



A CLASS IN GEOMETRY

MANUAL ARTS

This department gives (a) instruction in manual training and drawing to boys of the Lower Academy; (b) instruction in drawing to girls of the Lower Academy; (c) advanced courses in drawing, painting and designing to students in the Higher Academy and College; (d) courses in shopwork, drawing and engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) courses in shopwork and drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who are working toward a degree in engineering; (f) normal training to both men and women who wish to teach manual training and drawing.

In each of the courses offered, especially in the Academy, the aim is not only to give pupils an opportunity to acquire power to work intelligently, but also ability to appreciate what has been done by others. This involves a study of the masterpieces of the past in art and engineering and a study of the best works of the present day. In some form this idea has influence in every course, whether it be freehand drawing, metalworking, cabinet-making, or machine drawing.

LOWER ACADEMY

1. *Woodworking and Drawing. (Three Majors.)* This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy.

During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. After the first few pieces pupils are allowed considerable liberty in the choice of the objects they make. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning. During a part of the year weekly illustrated talks are given on forestry, lumbering, kinds of wood, methods of sawing, seasoning and marketing lumber.

In drawing, the elements of mechanical drawing are given, with emphasis at first in the direction of working drawings; later, the theory of projection is taken up, also the study of developments of geometric solids.

2. *Metalworking and Drawing. (Three Majors.)* The general plan of this course is similar to Course 1. It is a manual-training course in cold-metal working and is required of boys in the second year of the Lower Academy.

It consists of a large number of processes fundamental in metalworking. Among them are chipping, filing, fitting, polishing, beating,

drilling, riveting, soldering, turning and spinning. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, copper trays and lanterns, tin funnels and dishes, and a great variety of other objects in copper and black iron. During a part of the course, students are encouraged to work from their own designs.

The drawing in this course is largely freehand, including a study of color, and during the first two quarters, is closely related to the shop-work. Designs for many of the shop problems originate in the drawing room. The third quarter is devoted to the principles of perspective and still-life drawing.

A series of illustrated talks on the history of architecture and the decorative arts is given in connection with this course; also a course on the mining of iron ore and the manufacture of steel.

3. *Freehand Drawing. (One Major.)* A course in pictorial and decorative drawing required of girls in the first year of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing. (One Major.)* This course is required of girls in the second year of the Lower Academy. The first half-year is given to mechanical drawing, the second to practical work and design. The latter involves the drawing of ornament, the study of color combinations and the laying on of flat tints with water colors. Students in this course attend the talks on the history of architecture and the decorative arts mentioned under Course 2.

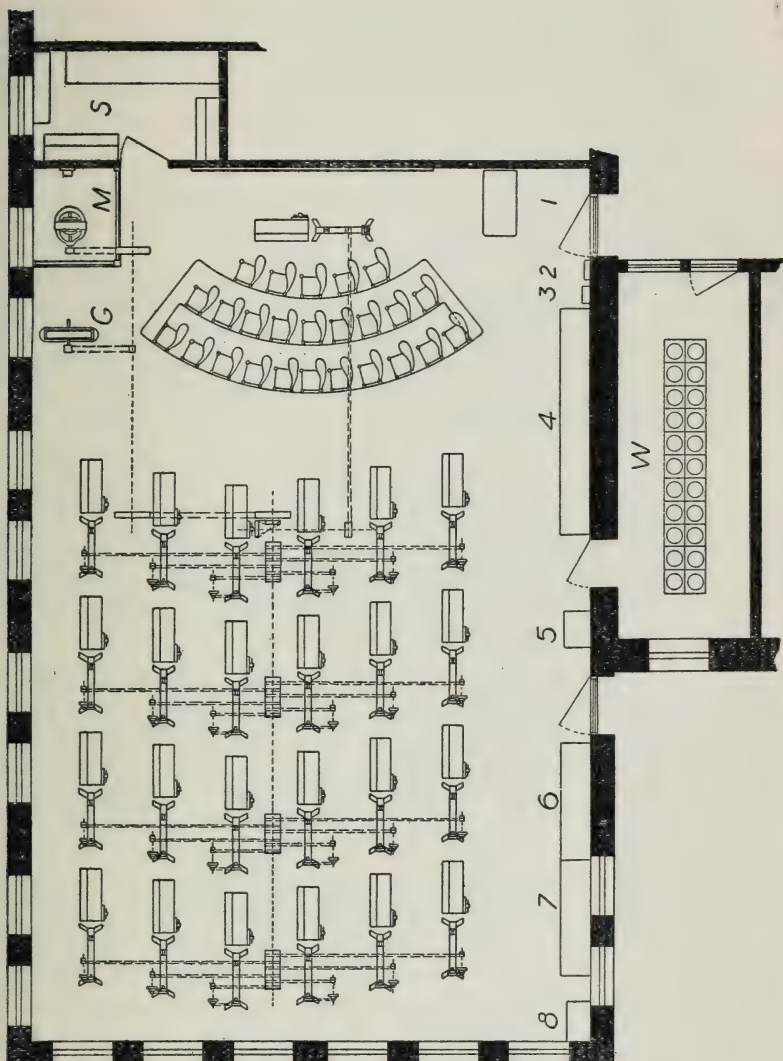
HIGHER ACADEMY

5. *Framing and Wood-turning. (One Major.)* A course in house and bridge framing, including the construction of the most important joints. An advanced course in wood-turning is given at the close of the work in framing, preparatory to pattern-making.

Prerequisite, Manual Arts 1.

6. *Pattern-making. (Two Majors.)* The first half of this course covers the fundamental principles and processes of pattern-making, together with enough foundry work to demonstrate principles of pattern-making. During the second half, the class makes complete sets of patterns for machines to be constructed by students in the class in machine construction.

Prerequisite, Manual Arts 1 and 5.



WOODWORKING ROOM

- | | | | |
|---|----------------|---|-----------------------------|
| W | Wash Room | 3 | Switch Board |
| S | Storeroom | 4 | Case of Unfinished Work |
| M | Electric Motor | 5 | Case of Carving Tools |
| G | Grindstone | 6 | Bench for Gluing |
| 1 | Teacher's Desk | 7 | Finishing Bench |
| 2 | Key Board | 8 | Case of Finishing Materials |

7. *Cabinet-Making. (One Major.)* This course in cabinet-making and wood-finishing may be taken in place of the second half of Course 6. It consists in designing and constructing pieces of wooden furniture, having as their leading characteristics simplicity, stability and pleasing proportions.

Prerequisites, Manual Arts 1 and 5.

* 9. *Foundry Practice. (One Major.)*

*10. *Forging. (Two Majors.)*

14. *Mechanical Drawing. (One Major.)* This course is intended to give a thorough grounding in orthographic projection, developments and intersections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing, Machine Drawing or Descriptive Geometry, which follows.

Prerequisite, Manual Arts 1.

18. *Architectural Drawing. (One Major.)* This course consists in making floor plans, elevations and details of summer cottages and suburban houses. The requirements of the modern home are considered from the standpoints of health, convenience and culture, and buildings are then designed to meet definite practical conditions. Students consult published plans and plans loaned by local architects.

Prerequisite, Manual Arts 14.

12. *Freehand Drawing. (Two Majors.)* (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink and water color. (b) One hour a week is spent in sketching from life. (c) Lectures on freehand perspective. For home work in connection with this course pupils are required to read Tarbell, *History of Greek Art*, and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2 or 3 and 4.

13. *Freehand Drawing. (One Major.)* A continuation of course 12, adding pictorial composition and out-door sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are required to read Goodyear, *Renaissance and Modern Art* or some other book on the history of art which is approved by the teacher.

Prerequisite, Manual Arts 12.

21. *Lettering. (One Major.)* This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing.

Prerequisite, Manual Arts 12.

*This course will not be given during the year 1908-9.

26. *Machine-Tool Work.* (*Three Majors.*) This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

24. *Steam and Electricity.* (*Three Majors.*) This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines; (e) practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

COLLEGE

15. *Descriptive Geometry.* (*Two Majors.*) A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces.

Prerequisites, Manual Arts 15 and Mathematics 3.

16. *Machine Drawing and Design.* (*Three Majors.*) This course includes (a) making working sketches and finished drawings from machine parts and from blue prints; drawings of standard machine parts, such as bolts, nuts, screws, etc.; (b) a study of rivets and riveted joints, keys, collars, bearings and lubrication; (c) a study of point paths, velocity diagrams, the theory of gears and cams, and a study of bolts and pulleys; (d) designs of spur gears, bevel gears, spiral gears and cams, with calculation of strength and efficiency; (e) the design of a machine. Throughout the course it is the aim to present to the student, as far as possible, the actual problems of the modern drafting-room.

Prerequisites, Manual Arts 1 and 14.

27. *Machine Construction.* (*Three Majors.*) In this course one or more complete machines are made by each class. Special study is made of cost of construction and of the capacity of the tools used. Opportunity is given here to acquire considerable skill and to gain a wide range of machine-shop experience.

Prerequisite, Manual Arts 26.

19. *Drawing from the Antique.* (*Three Majors.*) This course includes (a) drawing the full human figure and various details from the

cast, ending with the draped live model and the human head; (b) history of painting by means of pictures, talks and text book—Van Dyke, *History of Painting*.

Prerequisite, Manual Arts 12.

20. *Design*. (*Two Majors*.) This course consists of problems in (a) theory of color, (b) theory of design, and (c) applied design. In connection with applied design, instruction is given in tooled leather work, stenciling and block-printing.

Prerequisite, Manual Arts 12 or equivalent.

31. *Woodworking*. (*Three Majors*.) This is a comprehensive course for prospective teachers of manual training. It is divided into three parts, namely.

(1) *Benchwork*. This consists of (a) a review of elementary problems in benchwork, (b) problems in joinery, (c) elementary wood-carving, (d) furniture construction, (e) methods of teaching woodworking.

(2) *Wood-Turning*. This includes spindle, face-plate and chuck turning, fitting and polishing.

(3) *Materials*. A lecture and laboratory course covering a study of woods—shrinkage, warping, hardness, elasticity, etc.—making collections of woods; (b) finishing—paints, stains, fillers, varnishes, wax, etc.; (c) study of nails, screws, glue, etc., used in woodworking.

Prerequisite, Manual Arts 1 or equivalent.

32. *Drawing*. (*Two Majors*.) A course arranged to meet the needs of teachers of manual training. The work of the first quarter consists of (a) a review of elementary mechanical drawing, (b) more practice in making working drawings, (c) a study of lettering and (d) methods of teaching drawing. During the second quarter, students in this course take up the study of House Construction, Sanitation and Decoration (Domestic Economy 10) with the students who are studying to become teachers of domestic economy. The third quarter is devoted to constructive design, including the designing of objects to be worked out in wood and metals. Students are required to attend the talks on the history of architecture and the decorative arts mentioned in Course 2.

Prerequisite, Manual Arts 1 and 3 or equivalent.

33. *Elementary Handwork*. (*Two Majors*.) This course deals with typical forms of constructive work suitable for the children of the first six grades of the elementary school, and practicable under the conditions of the ordinary schoolroom. The work involves elementary processes selected from (a) the graphic arts, (b) the book-making arts, (c) the textile arts, (d) the plastic arts, and (e) the mechanic arts. For convenience the course is divided into two parts, as follows:—

(1) *Work for Primary Grades.* Clay-modeling and simple pottery, weaving and basketry, construction in paper, cardboard and wood, taught first as more or less formal manual training, and then grouped together in sand-table illustrative work, selected with reference to correlation with other school subjects. In all the work the interests, natural activities and capacities of children are governing features and aesthetic considerations are given due emphasis.

(2) *Work for Grammar Grades.* Clay-modeling, book-making, knifework in thin wood, whittling, and simple metalwork studied with reference to technique, design, drawing and the interests of children.

Prerequisite, Manual Arts 1 and 3 or equivalent.

34. *Organization of Manual Training.* (One Major.) This course covers (a) development of manual training in the United States, with reference to similar development in foreign countries; (b) organization of manual training in different kinds and grades of schools; (c) principles of psychology applied to manual training; methods of teaching; (d) study of the vital elements in each of the lines of work taught in elementary and secondary schools; (e) study of equipments; planning equipments in detail to meet given conditions; economic and engineering problems arising in planning manual training equipments. Lectures, discussions, reading, written work, and a thesis at the end of the course.

Prerequisite, Manual Arts 1 and 2 or equivalent.

MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by means of concrete experiment and problem. This necessitates a close correlation of mathematics and science by the introduction of physical phenomena into mathematical courses. By actual experiment the student is led to clear and well defined ideas, confidence in methods, and a realization of the meaning of his work; at the same time it is not forgotten that mathematics is a great science itself. It is sought to lead the student to some appreciation of the nature and the scope of the realm of mathematical thought, and to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. He is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

LOWER ACADEMY

1. *Algebra. (Three Majors.)* This course is the foundation of all subsequent work in mathematics. Algebraic, geometric and physical ideas are introduced by means of actual problems and laboratory experiments. Graphic methods are used at an early stage.

2. *Plane Geometry. (Three Majors.)* Emphasis is placed upon the original solution of problems and theorems. Rules, compasses, protractors, coordinate paper, colored pencils and crayons are in constant use in the class room. A series of laboratory exercises has been arranged to illustrate the use of geometrical idea in physical phenomena. Direct measurements are made and reduced. Many problems are given involving the use of algebra. Some use is made of sines, cosines and tangents in the solution of triangles.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry. (One Major.)* The more essential theorems of the subject are given. Some time is devoted to the construction of models and the solution of practical problems.

Prerequisite, Mathematics 2.

4. *Algebra (One Major).* A general review. Subjects given in an elementary way in Course 1 are here extended. Points of especial emphasis are algebraic number, form, equivalence of equations, graphs, solutions of simultaneous equations, determinants.

Prerequisite, Mathematics 3.

5. *Trigonometry (One Major).* Lengths and areas are found by graphic methods as well as by numerical calculation. A short treatment of spherical trigonometry is given. Field work with transit.

Prerequisite, Mathematics 4.

COLLEGE

7. *Mathematics (Three Majors).* This course takes up topics usually given in courses in algebra, analytic geometry and calculus, and treats them in a consecutive and homogenous manner. The more elementary and simpler portions of these subjects are considered, leaving the more complicated parts until the following year.

Prerequisite, Mathematics 5.

8. *Mathematics. (Three Majors.)* This course is in continuation of Course 7, and includes Algebra, Analytic Geometry, Differential and Integral Calculus and Differential Equations.

Prerequisite, Mathematics 7.

9. *Surveying. (One Major.)* A general course in the elements of surveying, including land surveying, city surveying, railroad surveying. Practice is given in the use of chain, tape, compass, level, transit, stadia. Practical problems are set and accurate plats are made.

Prerequisite, Mathematics 5.

10. *Analytic Mechanics. (One Major.)* This course deals with the fundamental principles of the mechanics of engineering. It aims to establish these principles and emphasize their value by applying them to numerous engineering problems. The student is given a careful training in the use of mathematics as applied to such problems and in the use of engineering data.

Prerequisite, the student must either have had or be taking Mathematics 8.

PHYSICS

The Department of Physics is thoroughly equipped with modern apparatus suitable for courses in Elementary and Advanced Physics as given in the first and second years of the best Engineering Colleges. The lecture room contains the apparatus for lecture demonstrations, including dark curtains for windows, electric projection lantern, reflectoscope, gas, water, electricity, etc. The laboratories have a large amount of apparatus especially adapted for students' use. Here the elementary student comes in contact with the best of modern apparatus, thus obtaining at an early age a correct understanding of physical quantities.

The electric equipment, including standard ammeters, voltmeters, wattmeters, alternating and direct current, large storage cells, etc., presents an opportunity for advanced work in electrical engineering.

Special laboratories are provided for photometry and photography.

The library of the department is well supplied with the leading reference books, and all new books of importance will be purchased as they appear. The leading scientific and technical periodicals devoted to physics and electrical engineering are received. Advanced students are required to make abstracts of important scientific papers, thus becoming familiar with the scientific subjects of the day.

Students intending to enter other schools may anticipate work in Physics, either in lecture or laboratory work, if they have the required preparation.

HIGHER ACADEMY

1. *Elementary Physics. (Three Majors.)* This introductory course is required of all students in the third year. It deals with the fundamental principles of mechanics, sound, magnetism and electricity, heat and light. The historical development and the practical application to daily life are emphasized.

The class is divided into sections of not more than fifteen for the laboratory work, which consists almost exclusively of quantitative experiments. Practically every algebraic expression used in physics forms the basis of a large number of practical problems in algebra. Recitations, laboratory and lectures, seven hours a week.

Prerequisites, Algebra, Plane Geometry.

Note. Students who have had good text-book work in Elementary Physics may complete the laboratory work in the first quarter.

COLLEGE

2. *Advanced Physics. (Three Majors.)* This is a course in advanced Physics in which the subject is treated both experimentally and mathematically. Great attention is paid in this course, both in lectures and laboratory, to the practical applications of the various branches. The work is carried on as in Course 1 except that more delicate instruments are used, and the mathematical side of the subject is more fully developed.

Lectures, five hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1 and Plane Trigonometry.

3. *Theoretical Physics. (Three Majors)* The subject is treated more from the theoretical side than in Course 2. This course is especially designed for students intending to continue work in engineering schools. The laboratory work is similar to that given in the best engineering schools in the country. Accuracy is required throughout. In the more advanced work the student's attention is directed to the study of possible sources of error. A series of twelve lectures on this subject will be given in connection with the laboratory work.

Lectures, five hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1, Plane Trigonometry, Analytic Geometry, and the student must either have had or be taking Differential and Integral Calculus.

4. *Theoretical Electricity. (One Major.)* A course in the theory of Electricity and Magnetism. Lectures, five hours a week.

5. *Laboratory Practice. (One Major.)* An advanced course in heat and light. Laboratory, ten hours per week.

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science, Engineering and six-year Mechanic Arts Groups, the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

A certificate is given to those who complete the Teachers' Course in Manual Training or Domestic Economy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature Groups, a student who enters the Institute from another institution will be required to do work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES

Tuition. The charges for tuition are as follows; Full work (3 or 4 subjects), \$20.00 per quarter; 2 subjects, \$15.00 per quarter; 1 subject, \$10.00 per quarter. There are three quarters in the school year. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. No other fees are charged by the Institute. *Necessary text books and instruments will be provided by the Institute free of charge.* Tuition fees should be paid during the first two weeks of each quarter. Neglect to do so will render students liable to be refused admittance to classes. Checks should be made payable to Bradley Polytechnic Institute.

In some cases students are allowed to pay part or all of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits, (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at from \$4.00 per week upward. The Institute will

make special effort to secure satisfactory conditions as to boarding and rooming accommodations in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute.

SCHOLARSHIPS

I.—SCHOLARSHIPS IN THE INSTITUTE

(a) *The Institute grants:*

1. Two scholarships each year to members of the class receiving the Academic Certificate; the scholarships are awarded by the Faculty and are of the value of \$60.00 each, covering tuition in the College for a year. One of these scholarships is now held by Grover Baumgartner.

2. A scholarship of the value of \$20.00, covering one quarter's tuition, to the winner of the Institute Declamation Contest.

3. Two scholarships each year to the Peoria High School, to be given to the two graduates having the highest rank; each scholarship is of the value of \$60.00, covering one year's tuition in the College. One of these scholarships is now held by Merrill I. Schnebly.

4. A scholarship each year to the scholar standing highest among the boys in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1907-8 by Robert N. Davis.

(b) *The Board of Supervisors of Peoria County gives:*

1. One scholarship in the Institute each year to the scholar standing highest among the girls in the Peoria County examinations for the eighth grade; the scholarship is of the value of \$60.00, covering one year's tuition in the Lower Academy; won for 1907-8 by Hazel E. Mathews.

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO

The University of Chicago grants each year to Bradley Institute, as an affiliated school, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. They are now held by Rose Woolner and Herbert A. Kellar.

SUMMER SCHOOL

The Summer School, devoted to Manual Training and Domestic Economy, extended from July 1st to August 3d. It was conducted under the superintendency of Charles A. Bennett, with the following additional instructors: F. D. Crawshaw, Woodworking and Mechani-

cal Drawing; Elida E. Winchip, Sewing; W. F. Raymond, Metalworking; Adelaide Mickel, Applied Design; F. H. Evans, Machine Drawing; Cheshire L. Boone, Pottery and Manual Training for Elementary Schools.

The following courses were offered: 1. Organization of Manual Training. 2. Manual Training for Elementary Schools. 3. Woodworking and Drawing. 4. Metalworking for Grammar and High Schools. 5. Textiles and Plain Sewing. 6. Dressmaking. 7. Machine Design. 8. Furniture Construction, Wood-turning and Pattern-making. 9. Machine Shop Practice. 10. Design. 11. School Pottery.

The tuition for the Summer term is \$25 for three courses, \$20 for two and \$15 for one.

The students of the Summer School of 1907 came from the following States: Illinois, Indiana, Ohio, Louisiana, Texas, Missouri, Iowa, Minnesota, Pennsylvania, Wisconsin, Michigan, Nebraska, Alabama, Maryland, Florida, District of Columbia, New York, Virginia, Massachusetts, Ontario, Canada. Several of these were college graduates, the great majority were teachers.

The Summer School for 1908 will offer similar courses. It is held from June 29 to August 1.

UNITED STATES WEATHER BUREAU

During the summer of 1904 the United States Government erected a Weather Bureau Station at the north end of the campus on a lot granted by the Institute. This is under charge of Dewey A. Seeley. Daily bulletins and weather maps are sent out from the station. Special lectures are given by Mr. Seeley to Institute classes.

CHAPEL AND SPECIAL EXERCISES

A brief chapel service, which all students are expected to attend, is held daily. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. At intervals the students and teachers in the School of Horology join the School of Arts and Sciences in a general assembly. On these occasions musical programs and addresses by prominent professional and business men on practical topics take the place of the chapel service.

As an observance of Lincoln's birthday an address upon the Life, Character and Services of Lincoln was given by Mr. John S. Stevens.

On Saturday evening, December 2, two short plays, one in French and one in German, were given by members of the classes in Modern Languages.

The reflectoscope or lantern slides are frequently employed in connection with informal talks in different departments, especially Manual Arts, the Sciences, History, the Ancient and Modern Languages.

PARENTS' MEETINGS

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes: 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and the teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 3. To discuss educational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The dates of the Parents' Meetings for 1908-9 will be Thursday, October 22, 1908, and Thursday, March 25, 1909.

THE BOARD OF ATHLETICS

Athletics are under direct control of a board made up of five members of the Faculty and five representatives elected from the various divisions of the school. Actions of the Board are of course subject to revision by the Faculty.

The purpose of this Board is to secure the best possible conditions in Athletics, especially to insist upon two points:—that the conduct of all taking part shall be fair and gentlemanly, and that no student shall follow athletics to the detriment of his studies. Under the direction of this Board an athletic field has been fenced off, graded and equipped; baseball and football teams have been organized and maintained, and work in track athletics and tennis well established. Besides the athletic field, which contains a baseball and football field and a quarter-mile track, the Institute maintains for general student use five tennis courts, a basket-ball field and a second baseball diamond.

Special attention is being paid to athletics within the school; to this end a committee on inter-school athletics has been appointed by the Board. This committee encourages and directs all legitimate out-of-door sports by providing equipment for teams and arranging schedules.

MEMBERSHIP OF THE BOARD 1907-1908*

THE DIRECTOR.....	Chairman, <i>ex-officio</i>
F. L. BISHOP, Secretary.....	} The Faculty of Arts and Science
JOSEPH S. BIKLE.....	
CLINTON S. VAN DEUSEN.....	
J. A. MINER.....	The Horological Faculty

*Except in the case of the Secretary, bracketed names are those of successive representatives of the same Faculty or division.

MEMBERSHIP OF THE BOARD 1907-1908—Continued

H. T. HAMAN.....	}	The Horological School
EDWARD MILLER.....		
H. W. LYNCH.....		The College
EDWARD A. CUSHING.....	}	The Higher Academy
FRANK D. SMITH.....		
WALTER K. FORD.....		The Lower Academy
OLIVE E. RADLEY.....	}	The Young Women
RUTH L. COOPER.....		

MANAGERS FOR 1907-1908

EDWARD A. CUSHING.....	Football
HAROLD W. LYNCH.....	Baseball
ROBERTS J. MANN.....	Track
HENRY TRUITT.....	Tennis
ROGER SCHENCK.....	Basket-Ball

COMMITTEE ON INTER-SCHOOL ATHLETICS

CLINTON S. VAN DEUSEN.....	Chairman
JOHN H. KUHLE.....	Baseball
ROBERTS J. MANN.....	Track
HENRY TRUITT.....	Tennis
ROGER SCHENCK.....	Basket-Ball
DAVID E. HARRIS.....	Hare and Hounds

NEW GYMNASIUM

Plans are nearly completed for a Gymnasium to be erected opposite Bradley Hall and the Athletic field during the coming school year. About \$75,000 will be devoted to this purpose. The building will be attractive in exterior design and thoroughly equipped

THE COUNCIL

The Council includes (a) the Director and Deans, who represent the Faculty, (b) six Tribunes, namely three young men and three young women, who are elected by the young men and women respectively of the College, Higher Academy and Lower Academy for the term of one year. The work of the Council is to consider all matters of common interest to Faculty and students; to make recommendations to the Faculty; and to deal with all matters referred to it by the Faculty. Among other matters which the Faculty has put into the hands of the Council may be noted: the formation of Literary Societies; the social interests of the school; the Tech; the Annual.

TRIBUNES FOR 1907-1908*

<i>College—</i>	{ CLARENCE M. STRAESSER	{ MARTHA I. GRANT
	{ ROY A. KELLAR	{ EDITH B. LOVE
<i>Higher Academy—</i>	{ CHARLES A. ATWOOD	{ JULIA VOORHEES
	{ FRANK G. MERCER	{ JESSIE E. MERCER
<i>Lower Academy—</i>	{ JOHN MAYO GOSS	{ FRANCES A. BURRILL
	{ THEODORE PLACK	{ MARCELLA F. SCHWENTSER

ORGANIZATIONS

ENGINEERING CLUB

The purpose of this Club is to stimulate interest in the study of Engineering and Mechanic Arts. The Club keeps its members in contact with live problems of modern engineering through lectures given by practical engineers. By excursions to power plants, factories and other places of interest, opportunities are given to observe engineering work according to standards of modern practice.

The general discussions at the Club meetings maintain an active interest in engineering progress.

OFFICERS.

President.....	ALEXANDER MACDONALD
First Vice President.....	ROY A. KELLER
Second Vice President.....	WILLIAM G. HILLER
Treasurer.....	CHARLES A. ATWOOD
Secretary.....	FREDERICK H. EVANS

The leading topic for discussion in the first meetings was, "The Requirements for a Successful Engineer." This was discussed from various standpoints by engineers of experience. Members of the class in Steam and Electricity made competitive presentations to the club of "The Most Efficient Electric Light Plant for Gridley, Illinois."

Excursions were made to places of interest in the city.

The annual camp fire was held in Bradley Hall, May 2d.

ARTS AND CRAFTS CLUB

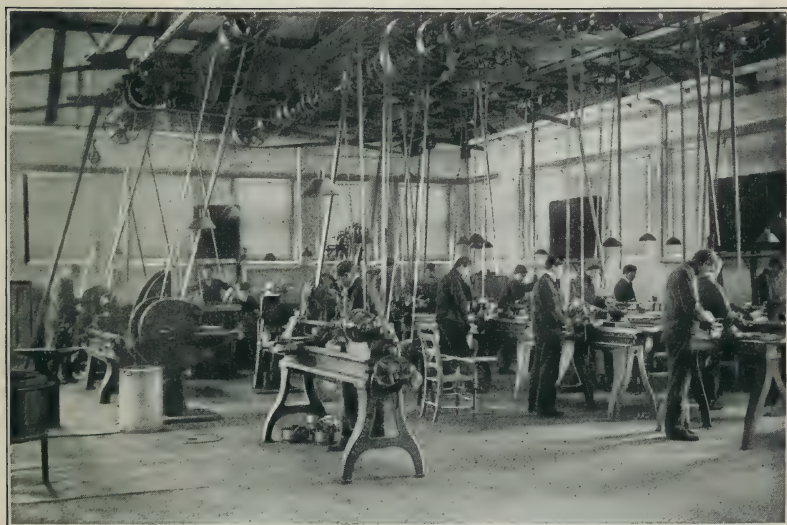
The Arts and Crafts Club, as its name signifies, is a society whose purpose is to stimulate interest in art at Bradley Institute, and especially to recognize and encourage artistic handicraft among its members. The Club was organized in November, 1898.

The most important feature of its work is the annual spring exhibition. Here are gathered together the best pieces of art-craft work made by students, alumni and teachers during the year.

*Bracketed names are those of successive representatives of the same division.



WOODWORKING ROOM



MACHINE SHOP



ATHLETICS



MECHANICAL DRAWING

OFFICERS

President.....	LOUISE GIBSON
Vice President.....	WILLIAM H. HUDSON
Secretary.....	GLEN M. EBAUGH
Treasurer.....	LOUISE I. DELENT
Curator.....	ADELAIDE MICKEL

THE HISTORICAL SOCIETY

The Historical Society holds one regular meeting each quarter, and such special meetings as may be deemed advisable. Its purpose is (1) to study local history in its relation to State and National History; (2) to discuss historical topics and current events, especially those bearing on political, economical and social questions; (3) to increase the student's interest in history by means of lectures, etc.

The leading topic for study this year has been the history of Illinois.

OFFICERS

President.....	BENJAMIN S. BEECHER
Vice-President.....	MARTHA I. GRANT
Secretary-Treasurer.....	GEORGE C. MAHLE
Chairman Executive Committee.....	CHARLES T. WYCKOFF

THE TECH

THE TECH is a monthly paper conducted under the auspices of the Council. The editor-in-chief and business manager, who are elected from the student body by the Council, assume the entire responsibility.

STAFF FOR 1907-8

GEORGE C. MAHLE.....	Editor-in-Chief
GLEN M. EBAUGH.....	Business Manager
CHARLES G. MASON.....	Assistant Editor
CLARENCE W. STRAESSER.....	Athletics
ETHEL M. SUMMERS.....	Social
WILLIAM H. HUDSON.....	Staff Artist
FRANCIS J. BOHL.....	} Local
EDWARD A. CUSHING....	
OLIVE E. RADLEY.....	
HELEN M. NIXON.....	
EDWARD MILLER.....	Horological

THE POLYSCOPE

THE POLYSCOPE is the annual publication of the students. Like THE TECH it is under the control of the Council. The issue for 1907-8 contains a history of the school for the present year, records of athletic teams, work of school organizations, and the like. The staff is as follows:

GROVER C. BAUMGARTNER.....	Editor-in-chief
W. HEATH WEBSTER.....	Business Manager
LOUISE GIBSON.....	Art Editor
MARGUERITE B. HAYWARD.....	} Literary
ROBERT PLOWE.....	
SANCHEN STREHLOW.....	} Calendar
NATALIA JOBST.....	
ROBERTS J. MANN.....	
LESTER A. BYRON.....	Athletics
MARTHA I. GRANT.....	Organizations
EDITH B. LOVE.....	Subscriptions
EDWARD MILLER.....	Horological

MUSICAL ORGANIZATIONS

The Chorus gives training in singing and in the interpretation of the best music. The work is voluntary. Membership is open to students and friends of the Institute. The Chorus numbers about fifty voices.

The Chorus and Orchestra gave a concert at Bradley Hall, April 10.

OFFICERS

Director.....	CHARLES T. WYCKOFF
Chairman Executive Committee.....	GROVER C. BAUMGARTNER
Pianist.....	CLARA L. ALLEN

The Bradley Symphony Orchestra is under the direction of Mr. Harold Plowe. Membership is open not only to students, but to all who are interested in musical culture. The orchestra has a membership of forty.

LITERARY SOCIETIES

Great interest has been shown in the work of the literary societies during the past year. They are purely voluntary but are regarded by the Institute as making an important contribution to school life. There are now four such organizations. Friday evening, March 6, a public debate was held at Bradley Hall between Bradley and Eureka College. The question was, "Resolved, that Congress should assume control of

all Monopolistic Corporations doing interstate business (constitutionality granted)". The Bradley representatives were Benjamin S. Beecher, George C. Mahle, Ellen A. Muir, with Merrill Dwinell substitute. They supported the negative. The debate was of a high order and excited general interest.

BRADLEY DEBATING CLUB

President.....	CHARLES A. ATWOOD
Vice-President.....	GORDON KELLAR
Secretary.....	FRANK E. GOODING
Critic.....	GEORGE R. COFFMAN

THE GIRLS' DEBATING SOCIETY

President.....	EDITH RUTHERFORD
Vice-President.....	NATALIA JOBST
Secretary.....	LOUISE M. HELMBOLD
Treasurer.....	ERMA DONATHAN

THE INSTITUTE DEBATING CLUB

President.....	CHARLES G. MASON
Vice-President.....	SIDNEY H. EASTON
Secretary.....	CLARENCE W. STRAESSER
Critic.....	WILLIAM H. BRYAN

THE BRADLEY DEBATING AND LITERARY SOCIETY

President.....	LUCIUS A. FRITZE
Vice-President.....	FREDERICK G. LINDBERG
Secretary....	FRANCIS J. BOHL

YOUNG MEN'S CHRISTIAN ASSOCIATION

The work of the Institute Association for the year just past may be summarized as follows: 1. Publication of a Students' Hand Book. 2. Aid given students in finding suitable homes. 3. Sending delegates to the State Convention and to Lake Geneva and other conferences. Conducting of religious meetings. 5. Maintenance of Bible groups meeting weekly under student leaders, and of a leaders' normal class under a member of the faculty.

The Association was organized in the spring of 1902 under the direction of Mr. W. W. Dillon, the State Student Secretary, and has extended its work with each succeeding year. This is a department of the Peoria Central Association, and its finances are in the hands of a Committee of Management in which the faculty is represented by three members.

OFFICERS

President.....	ROY A. KELLER
Vice-President.....	BENJAMIN S. BEECHER
Recording Secretary.....	CHARLES A. ATWOOD
Treasurer.....	JAMES A. MINER

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The Young Women's Christian Association was organized in the spring of 1904 by Miss Broad, the State Secretary of the College Association. The work of the past year has been as follows: 1. The Bible class has been conducted by Miss Bertha Reed. The topic of study has been "The Life of Christ." 2. Delegates were sent to the convention at Elgin. 3. Several pleasant social events have been held during the year.

OFFICERS

President.....	EDITH B. LOVE
Vice-President.....	ETHEL M. SUMMERS
Secretary.....	MARION FABER
Treasurer.....	BESSIE M. MORRIS
Social.....	MARGUERITE HAYWARD

ENGLISH CLUB

The purpose of the English Club is to create a greater interest in English literature. During the past year the Club has made an extensive study of "The Short Story."

On March 7th the annual banquet of the English Club was held at the Creve Coeur Club. Miss Dorothy Duncan was toastmaster; responses were made to toasts as follows: "The Relation of the English Club to Student Life," Miss Louise De Lent; "Next Year," Mr. Charles Mason; "Fiction and Science," Dr. Frederic L. Bishop; "The Short Story," Rev. J. Merle Stevens.

OFFICERS

President.....	LAURA E. GEACH
Vice-President.....	HENRY TRUITT
Secretary-Treasurer.....	CLARENCE W. STRAESSER

GERMAN CLUB

The German Club offers to its members an opportunity to become familiar with conversational German through social intercourse. During the year lectures and plays have been given in German. The program at the monthly meetings has consisted of charades, relating anecdotes and enjoying popular German melodies. All students who have completed two years of work in German are eligible to membership.

OFFICERS

President.....GROVER C. BAUMGARTNER
Secretary.....NATALIA JOBST

THE PEDAGOGIC CLUB

The aim of the Pedagogic Club is two-fold—professional and social. It brings together students who are intending to become teachers of the manual arts or domestic economy for the discussion of problems of teaching and for social enjoyment. The club usually meets at the home of some local member.

OFFICERS

President.....BERTHA CASE
Vice-President.....JOSEPH W. PAUL
Secretary-Treasurer.....EDITH L. GRIMM

OFFICERS OF THE ALUMNI ASSOCIATION

President.....FRANK W. BENNETT '02
Vice-President.....ANNA A. KELLOGG '02
Secretary.....JANET GRANT '07
Treasurer.....HERBERT A. KELLAR '07

PUBLIC EXERCISES

THE TENTH CONVOCATION

The tenth convocation was held in Bradley Hall, Friday evening, June twenty-first. The invocation was offered by the Reverend Henry Foster Burns. Chancellor E. Benjamin Andrews of the University of Nebraska gave the convocation address on the theme "Problems of Greater America." This was followed by the annual statement of the Director and a vocal solo by Harry C. Hammond. The diplomas were presented by President Harry Pratt Judson, of the University of Chicago.

THE DIPLOMA OF THE INSTITUTE was conferred upon the following graduates:

IN THE SCIENCE GROUP—Arthur E. Baker, James C. Hayward, Frederick F. Miller, Edna M. O'Brien.

IN THE CLASSICS GROUP—Willis B. Coale, Grace E. Hauk, Herbert A. Kellar.

IN THE LITERATURE GROUP—Edna M. Feltges, Sarah J. Grant, Louise W. Harte, Laura G. Patterson, Elizabeth Rider, Eulalia Robinson, Lina S. Ulrich, Rose Woolner.

The graduates from these groups were given respectively the Degree of Associate in Science, Associate in Arts and Associate in Literature.

THE TEACHERS' CERTIFICATE was conferred upon the following who had completed the required work—

IN MANUAL TRAINING—Alma E. Nelson.

IN DOMESTIC ECONOMY—Bertha R. Bowman, Eleanor Ellis, Myrtle D. Francis, Madge I. Kirkpatrick, Mary E. Tefft.

The University of Chicago Scholarships were won by Grace E. Hauk and Willis B. Coale; alternates, Rose Woolner and Herbert A. Kellar.

The Academic Certificate was conferred upon the following students: (Those whose names are marked with a star completed the work before the spring quarter.)

IN THE SCIENCE GROUP—Grover Baumgartner, Eldredge M. Benton, Francis J. Bohl,* Lester A. Byron, Edna Camren, Frederick A. Causey, Sidney Fieselmann, Lucius A. Fritze, Henry H. Grimes, Con-

stance C. Heckman, Grace E. Lee, Frederick G. Lindeburg, Edith B. Love, Helen E. Martin, Robert Plowe, Grace Saal, Harry E. Schweitzer.

IN THE ENGINEERING GROUP—Claude E. Brown, Edward A. Cushing,* William H. Hudson, Roberts J. Mann.

IN THE LITERATURE GROUP—Alice E. Blair, Edna H. Edwards, Elizabeth M. Faber,* E. Louise Hannam,* Ruth H. Houghton, Marie A. King, Lora A. Kuhl, Olive E. Radley,* Ina C. Sengenberger, I. Silsby Stevens, Julia M. Ulrich.

IN THE MECHANIC ARTS GROUP—Frank W. Werkle, Roy U. Tyson.

The Institute Scholarships were won by Lora A. Kuhl and Grover Baumgartner; Alternates, Robert Plowe and Roberts J. Mann.

IN THE HOROLOGICAL DEPARTMENT the diploma for completion of the course in watch work was conferred upon Lindsey Highsmith.

The Diploma in Optics was conferred upon C. F. Ames, H. D. Archer, J. F. Ayres, H. W. Barnes, W. P. Benedict, A. L. Bennett, J. M. Bereline, L. C. Carr, R. E. Church, J. A. Crossman, L. Euteneur, J. Finlinson, R. T. Gardner, E. A. Gaston, E. Geise, Gertrude A. Geopfarth, P. Golden, L. Hagener, H. F. Haman, W. D. Harmon, E. J. Hendee, H. M. Hodges, H. H. Hoffman, L. Honeyman, S. C. Howard, L. Huber, O. C. Hurst, J. D. Keithley, E. O. Lewis, L. Lukkason, J. S. Martinek, J. K. Maxwell, C. G. Miller, L. A. Mohlman, H. R. Morris, R. D. Mundhenk, W. W. Parker, L. R. Ralston, H. Rankin, J. W. Rhoads, E. A. Rickmeyer, H. Riegel, W. L. Ritchie, J. J. Rohlk, R. B. Simpson, L. A. Smith, B. F. Stedman, L. C. Tallman, W. P. Thacker, J. Trimble, Mrs. Nellie VanSlyke, O. M. Whitney, J. P. Wood, C. M. Wright, Arthur Younglove, A. C. Zimmer.

FOUNDER'S DAY

The eleventh annual observance of Founder's Day was held Tuesday, October eight. The invocation was offered by the Reverend Theodore Allen and the address given by William Hawley Smith.

The exercises were held at 9 a. m. and Mrs. Bradley was present.

LECTURE COURSE, 1907-8

MISS MARY B. BLOSSOM:

"Paris" November 8

MISS HELEN M. DAY:

"The Teaching of Domestic Science in the United States."

November 22

DR. THEODORE C. BURGESS:

"Modern Greece." December 6

PROFESSOR HERBERT LOCKWOOD WILLETT, PH. D. of the Department of Semitic Languages and Literature, the University of Chicago, six lectures on

THE MASTER WRITERS OF THE BIBLE

1. "Isaiah, the Prophet-Statesman".....January 3
2. "Jeremiah, the Prophet-Martyr".....January 17
3. "The Author of Job, Poet and Philosopher".....January 31
4. "Luke, the Beloved Physician".....February 14
5. "Paul, the Defender of the Faith".....February 28
6. "The Author of Hebrews, the First Christian Apologist,"
March 13

ATHLETIC BENEFIT

Under the auspices of the Athletic Board "Prince Otto" was presented at the Grand Opera House May 10, 1907. Mr. Frank T. Wallace superintended the preparation of the play. Mr. Glenn M. Ebaugh acted as business manager and music was furnished by the Bradley Orchestra under direction of Mr. Robert Plowe.

The following students composed the cast: Arthur E. Baker, Lester A. Byron, Benjamin S. Beecher, Edna Camren, Edward A. Cushing, Louise I. DeLent, John L. Fry, Hugh Hamilton, Wm. H. Hudson, Marie A. King, Harold W. Lynch, Roberts J. Mann, Helen S. Mills, Olive E. Radley, Sanchen G. Strehlow, Roy U. Tyson.

THE CONCERT

The Tenth Annual Concert was given at Bradley Hall Friday evening, April 10th, by the Institute Chorus and the Bradley Symphony Orchestra. The work of the chorus was prepared under the direction of Mr. C. T. Wyckoff and that of the orchestra under Mr. Harold Plowe. Mrs. Elizabeth Kintzer, soprano, and Mr. Howard Kellogg, tenor, assisted in the solo parts and Miss Clara Allen as accompanist.

The chorus presented "The Wreck of the Hesperus" by Mac Cunn and "A Rondel" by Macfarlane. Mr. Kellogg sang "Shall We Not Love" by Ganz and Mrs. Kintzer a selected solo.

The numbers rendered by the orchestra were Overture to "Stradella" by Flotow, "Peer Gynt Suite, The Death of Ase" by Grieg, selection from Weber's "Freischutz" by Tobani, "Dreams" by Wagner, Waltz Movement for United Strings "Loin du Bal" by Gillet, "Le Pere de la Victoire." A violin solo, "Caprice Espagnole," was given by Miss Helen Parkhurst.

GRADUATES OF BRADLEY POLYTECHNIC INSTITUTE

1898

UNLAND, CORINNE C. (Mrs. JAMES H. ANDERSON), Box 810, Houston, Texas.
Literature; University of Chicago, 1898-1900.

1899

ANDERSON, JAMES H., Box 810, Houston, Texas.
Science; Winner University of Chicago Scholarship; University of Chicago 1899; Chemist,
Industrial Cotton Oil Co. of Texas, 1900—

LYON, CHARLES H., 206 Culter St., Peoria.
Classics; Winner University of Chicago Scholarship; Student in Mechanical Engineering,
Y. M. C. A. School, Peoria, 1904-5; City Electrician, Peoria, 1905—.

1900

CROFOOT, MARGUERITE (Mrs. C. C. LEFFINGWELL), 85 Park Ave., Passaic, N. J.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2, A. B.
ibid., 1902, Honorable Mention; Teacher Peoria Schools, 1902-3; Assistant in Greek and Latin,
Bradley Institute, 1903-6.

DEXTER, JOHN R., Ardmore, Okla.
Literature; University of Chicago, 1900-2, Ph. B., *ibid.*, 1902; President Indianoma Trust
Co., Ardmore, Okla.

HOOD, FLORENCE (Mrs. H. M. SOLENBERGER), 221 College St., Springfield.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2,
A. B., *ibid.*, 1902; Registrar Chicago Bureau of Charities, 1903-4.

LEFFINGWELL, CLARENCE C., 416 W. 13th St., New York.
Literature; University of Chicago, 1901-2, Ph. B., *ibid.*, 1902; Assistant in Greek and
Latin, Bradley Inst., 1901-3; Private Tutor, 1903-4; Manager News-stand Circulation *Collier's*
Weekly, 1904—.

* NELSON, CARL G.,
Classics; Augustana College, Rock Island 1900, 1902-3; B. D. and M. A., *ibid.*, 1903;
University of Chicago, 1901-2; called to a church in Manson, Iowa.

PAGE, ROY, San Cristobal, Cuba.
Science; Cornell University, 1900-1; Business. Chicago, 1902-6; engaged in fruit culture,
San Cristobal, Cuba.

PARKER, MARGUERITE (Mrs. FRANK L. HINMAN), Tremont.
Science; University of Chicago, 1900-2, B. S., 1902; Teacher in Peoria Schools, 1902-4.

RICE, MARY VIRGINIA, 921 21st St., Rock Island.
Literature; University of Michigan, 1900-2, A. B., *ibid.*, 1902; Teacher, Peoria Schools,
1903-6; Student University of Chicago summer 1906; Rock Island High School, 1906—.

SANNER, LAURA E. (Mrs. ROBERT PARKER), 1738 Clarkson St., Denver, Colo.
Literature; Teacher, Wyoming, Ill., Schools, 1900-2.

* Died 1905.

SMITH, RALPH H., 26 Lorain Block, Lorain, Ohio.
 Classics; University of Chicago, 1900-3, A. B., *ibid.*, 1902; Starling Medical College, 1903-5, M. D., *ibid.*, 1905; Interne, St. Francis Hospital, Columbus, 1905-6; Physician, Lorain, Ohio, 1906—.

WARBEKE, JOHN M., Williamstown, Mass.
 Classics; Princeton University, 1901-3, A. B., *ibid.*, 1903; Student of Philosophy, University of Leipzig, and travel in Europe, 1903-6, Ph. D., *ibid.*, 1906; Instructor in German, Williams College, 1906—.

1901

BRUBAKER, HAROLD C., 6542 Ellis Ave., Chicago.
 Classics; Winner University of Chicago Scholarship; University of Chicago, 1901-3, A. B., *ibid.*, 1903; Western Electric Co., Indianapolis, 1903-6; *ibid.*, Chicago, 1906-7; Goodman Manufacturing Co., Chicago, 1906—.

FULLER, WALTER, U. S. Gypsum Co., 1158 S. Roby St., Chicago.
 Science; University of Chicago, 1901, S. B., *ibid.*, 1904; Student Laboratory-Inspector, *ibid.*, 1901-4; Chemist, Kennicott Water Softener Co., Chicago, 1905-6; Chemist, Glucose Sugar Refining Co., Pekin, 1906; U. S. Gypsum Co., Chicago, 1907—.

GEIGER, MABEL L., 1120 Perry Ave., Peoria.
 Classics; University of Illinois, 1901-3; B. L. S., *ibid.*, 1903; Teacher Peoria Schools, 1903—.

KELLY, MILDRED (Mrs. WM. J. ANICKER), Morris, Oklahoma.
 Literature; Mt. Holyoke, 1902-3.

MACCLYMENT, GEORGE R., 419 Observatory Bldg., Peoria.
 Science; University of Chicago, 1901-3; Assistant Cashier of Bank, Scott, Wrigley & Hammond, Wyoming, 1903-7; Assistant Manager Lydia Bradley Estate, 1907—.

OLMSTEAD, MAUD C. (MRS. E. V. LAWRENCE) 611 W. Stoughton St., Urbana.
 Science; Assistant in Sewing; Bradley Institute, 1901-5.

PORTER, ALBERT L., Brookfield.
 Science; Student in Correspondence Course in Architecture, Chicago, 1901; Mechanical Draftsman, Chicago; Designer Water Softening Machinery, 1904-5; Engineering Department Fairbanks, Morse Co., Chicago, 1906—.

SWANSON, E. ADELIA, Manning, Iowa.
 Literature; Winner University of Chicago Scholarship; University of Chicago, 1901-2; Ph. B., *ibid.*, 1902; Teacher of German and English, High School, Indianola, Iowa, 1902-3; Teacher of German, High School, Owatonna, 1903-7; Teacher of German and Principal of High School, Manning, Ia., 1907—.

TRACY, ANNIE C., 313 Callender Ave., Peoria.
 Literature; Teacher Peoria Schools, 1901—.

WEIRICK, ELIZABETH S., Ferry Hall, Lake Forest, Ill.
 Literature; University of Chicago, 1901-3; B. S., *ibid.*, 1903; Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y., 1903-7; Instructor in Science, Ferry Hall, Lake Forest, Ill., 1907—.

1902

BENNETT, FRANK W., Rose Polytechnic Institute, Terra Haute, Ind.
 Literature; winner University of Chicago Scholarship; University of Chicago, 1902-3; A. B., *ibid.*, 1903, Honorable Mention; Instructor in English and German, Rose Polytechnic Institute, Terre Haute, 1904—.

BRUBAKER, WILLIAM C., 6542 Ellis Ave., Chicago.
 Science; Armour Institute of Technology, 1902-6. B. S., *ibid.*, 1906, White Scholarship, 1905; Engineer with Pullman Co., Chicago, 1906—.

HANCOCK, TRACY M., Lacon.
 Science; Business in Lacon, 1902—.

- KELLOGG, ANNA A., 1017 State St., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; Ph. B., *ibid.*, 1903; Honorable Mention in English; Graduate Student, University of Chicago, Summer, 1905; Teacher of English and German, High School, Marquette, Mich., 1903-5; Teacher of German and English, High School, Peoria, 1905—.
- KIRTLEY, LUTHER L., 123 So. 5th St., E. Salt Lake, Utah.
Science; Marietta College, 1900-01; University of Chicago, 1902-3; B. Sc., *ibid.*, 1903; Engineer, Eveleth, Minn., 1903-5; University of Chicago, Winter and Spring, 1905; University of Wisconsin, 1905-6; School of Mines, Columbia University, 1906-8; to receive Degree of M. E., 1908.
- MERRELL, MORTON W., 819 Garfield Place, Evanston.
Classics; Northwestern University, 1902-4; A. B., *ibid.*, 1904; Garrett Institute, 1904-8; Pastor M. E. Church, Sheffield, Ill., 1906—.
- SWEETSER, IRVING J., 1421 15th Ave., Seattle, Wash.
Classics; with Phil Sheridan Mining Co., Washington, 1902-4; Standard Oil Co., Peoria, 1905-7; Montana St. Mill Co., Seattle, Wash., 1907—.
- THOMAS, GEORGE EARL, 608 Wisconsin Ave., Peoria.
Classics; business, Peoria, 1902—.
- WELLS, EDGAR B., Thomson.
Science; University of Chicago, 1902-4; Ph. B., *ibid.*, 1904; Principal of High School, Delavan, 1905-6; Teacher of Science, Township High School, Pontiac, 1906-7; State Teacher's Certificate for Illinois, 1906; Supt. of Schools, Thomson, Ill., 1907—.

1903

- BALLANCE WILLIS H., 216 Randolph Ave., Peoria.
Science; Cornell University, 1903-6; B. S., *ibid.*, 1906; with Weston Mott Co., Flint, Mich., 1906-8.
- BELL, MARCIA (Mrs. THOS. R. BLAIR), 209 Perry Ave., Peoria.
Literature.
- BOURLAND, JULIA P. (Mrs. ARTHUR CLARK), 511 Ellis St., Peoria.
Literature; Smith College, 1903-5; A. B., *ibid.*, 1905; Instructor in Biology, Bradley Institute, 1905-6.
- BROWN, DELOSS S., 99 Barker Ave., Peoria.
Mechanic Arts; Business, Peoria, 1903—.
- CALVERT, MAUDE, 1630 13th Ave., Seattle, Washington.
Literature; University of Chicago, 1903-4; Ph. B., *ibid.*, 1904; Teacher Peoria Schools, 1904-5; Teacher of French, High School, Seattle, 1905—.
- COWELL, MARK W., 221 Crescent Ave., Peoria.
Science; University of Michigan, 1903-6; A. B., *ibid.*, 1906; with Avery Co., Peoria, 1906—.
- CUTRIGHT, SIDNEY B., 313 Barker Ave.
Classics; Business, Peoria, 1903—.
- DURHAM, MARGARET L., 306 N. Glen Oak Ave., Peoria.
Literature; Teacher Peoria Schools 1904—.
- DURLEY, ELIZABETH R., 1825 7th St., Des Moines, Ia.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1903-4; Teacher, Des Moines, Iowa, 1905—.
- FAVILLE, MILDRED, Appleton, Wis.
Literature; University of Chicago, 1903-5; Ph. B., *ibid.*, 1905; Teacher Peoria Schools, 1905-8.
- GRABER, LOTTIE A., 1224 7th Ave., Peoria.
Classics. Winner University of Chicago Scholarship; University of Chicago, 1903-5; A. B., *ibid.*, 1905; Teacher High School, Knoxville, 1905-7.

- HARPER, MARY J. (Mrs. HENRY H. LANE), Norman, Okla.
Science; University of Chicago, Summer, 1901, 1904-5; B. S., *ibid.*, 1905; Scholarship in Zoology, *ibid.*; Assistant in Science, Bradley Institute, 1903-4; Teacher, Peoria Schools, 1905.
- JOBST, NETTIE, 511 N. Madison Ave., Peoria.
Science; Travel in Europe, Summer, 1905.
- JOSEPH, DON R., Rockefeller Institute for Medical Research, N. Y.
Science; Holder of Special Scholarship, University of Chicago; University of Chicago, 1903-4; B. S., *ibid.*, 1904, Honorable Mention; Brainard Medal in Anatomy, *ibid.*, 1904; St. Louis University, 1904-7; M. S., *ibid.*, 1906; M. D., *ibid.*, 1907; Assistant in Physiology, Medical Department, *ibid.*, 1904-7; Professor of Physiology, St. Louis Dental College, 1906-7; Publications, "Effects of Intravenous Injection of Pork Bone Marrow on the Blood-pressure," American Journal of Physiology; "The Influence of Organ Extracts of Cold-blooded Animals on the Blood-pressure;" Journal of Physiology, London, Journal of Experimental Medicine; "The Influence of Vagus Stimulation upon the Development of Rigor in the Heart;" In Press). "The Relation of the Heart-weight to the body weight in Animals;" (In Press). "The Comparative Toxicity of the Chlorides of Magnesium, Calcium, Potassium and Sodium," (In Press).
- Research Fellowship, Rockefeller Institute for Medical Research, New York City, 1907—
- PINGER, GEORGE C., Youngstown, Ohio.
Engineering; Cornell University, 1903-5; M. E., *ibid.*, 1905; Junior Member American Society of Mechanical Engineers; Draftsman, Snow Steam Pump Co., Buffalo, N. Y., 1905-6; Struthers Well Co., Warren, Pa., 1906; Wm. Tod Co., Youngstown, O., 1906—.
- RICE, MONTGOMERY G., 205½ Madison Street, Peoria.
Literature; University of Michigan, 1903-6; LL. B., *ibid.*, 1906; Admitted to Michigan Bar, 1906; Admitted to Illinois Bar, 1906; Lawyer.
- RIDER, GEORGIA, Pekin.
Literature; Teacher, Tremont, Ill., 1904; Havana, Ill., 1906-8; Student University of Chicago, Summer, 1907.
- SCHIMPF, OSCAR J., 745 Pennsylvania Avenue, Gary, Ind.
Engineering; Assistant City Electrician, Peoria, 1903-5; Chief Engineer and Electrician, Buckeye Powder Co., Edwards, Ill., 1905; with Mills Electric Co., 1906-7; Manager Electric Department for Wheelock & Co., 1907-8; with U. S. Steel Corporation, Gary, Ind.
- SCULLIN, BERTHA M., 714 Bryan St., Peoria.
Classics; Winner University of Chicago Scholarship; Assistant in Sewing, Bradley Institute, 1903-5. University of Chicago, Summer, 1904, 1905-6; A. B., *ibid.*, 1906; Assistant in Domestic Science, Bradley Institute, 1906—.
- SCHUREMAN, MARY O., (Mrs. GEORGE F. IMIG) 1223 N. 6th St., Sheboygan, Wis.
Literature; Smith College, 1904-6. A. B., *ibid.*, 1906.
- SEATON, EDITH M., 747 Jackson St., Peoria.
Classics; Teacher Peoria Schools, 1903—.
- STOCK, EDWARD F., 506 Sanford St., Peoria.
Science; Clerk, T. P. & W. R. R. Office, 1903-6; Freight Accountant; *ibid.*, 1906—.
- STOWELL, LAURA A., 2940 Oakes Ave., Everett, Washington.
Science; Teacher Domestic Economy, High School, Calumet, 1903-7; Everett, Wash., 1907—.
- SUMMERS, LILLIAN M. (Mrs. JOHN B. TANSIL) 1017 Willett Av., Memphis, Tenn.
Classics; Northwestern University, 1903-4; Vanderbilt University, 1904-5; A. B., Northwestern University, 1905; Teacher Peoria Schools, 1905-8.
- TJADEN, HERTHA M., 205 S. Underhill St., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher Domestic Science, Peoria Schools, 1906-7; Director of Domestic Science, Y. W. C. A., Rockford, Ill., 1907; Teacher Public Schools, Peoria, 1908.
- WEST, VICTOR J., 1030½ S. Flower St., Los Angeles, Cal.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; Instructor in English, Bradley Institute, 1905-6; Secretary Briggs Real Estate Co., Los Angeles, Cal., 1906-8.

1904

- BELSLEY, RAY J.,** 1405 N. Jefferson Ave., Peoria.
Engineering; Business, Peoria, 1904—.
- BENTON, CHARLES K.,** 27 Crescent Ave., Peoria.
Science; Dartmouth College, 1904-6; B. S., *ibid.*, 1906; Honorable Mention in Economics; Phi Beta Kappa; Business, Peoria, 1906—.
- BRUNINGA, JOHN H.,** U. S. Patent Office, Washington, D. C.
Engineering; Laboratory Aid, Bureau of Standards, Washington, D. C., 1904-5; Draftsman, U. S. Navy Yard, 1905; Special Student in Electrical Engineering, George Washington University, 1904-6; Assistant Examiner, U. S. Patent Office, 1905—.
- CUTRIGHT, LOIS I.,** Salina, Kansas.
Literature; Teacher, 1904-6; University of Chicago, 1906-7; Ph. B., 1907; Teacher High School, Salina, Kan, 1907—.
- ELSBREE, FLORENCE A. (Mrs. J. O. CHAMBERS),** Pierson.
Classics; University of Chicago, 1904; Shurtleff College, 1904-5; A. B., *ibid.*, 1905; Head of Language Department, Greer College, 1905-6; Special Teacher at Harrison School, Peoria, 1906-7.
- EVANS, ROLLA Q.,** 1400 K Street, N. W., Washington, D. C.
Science; Harvard University, 1904-6; Architectural Draftsman with Carrere & Hastings, of New York City, 1906-8.
- GORSLINE, WM. W.,** 621 Washington St., Burlington, Ia.
Science; University of Chicago, Summer, 1904; Graduate Student, Bradley Institute, 1904-5; University of Chicago, Summer and Fall, 1905; Summer 1907, B. S., *ibid.*, 1907; Instructor in Mathematics, High School, Goshen, Ind., 1905-7; Instructor in Senior Mathematics, High School, Burlington, Iowa, 1907—.
- GRIGSBY, HARRY D.,** 518 Monroe St., Topeka, Kansas.
Science; University of Illinois, 1904-6, B. S., *ibid.*, 1906; Assistant City Engineer, Santa Anna, California, 1906-7; Chemist, C. R. I. & P. R. R., 1907—.
- HECKMAN, LILLIAN S., (Mrs. R. W. POOL)** Seattle, Wash.
Science; University of Chicago, 1904-6; Ph. B., *ibid.*, 1906.
- HELMBOLD, IDA J.,** 711 North St., Peoria.
Classics; Teacher Peoria Schools, 1904—.
- MAYER, SIMON,** 1238 N. Alabama St., Indianapolis, Ind.
Classics; University of Chicago, 1904-5; A. B., *ibid.*, 1905; Engineering Department, C. & N. W. R. R., Pierre, S. D., 1905-7; Instructor Manual Training, Indianapolis, Ind., 1907—.
- MILLER, CHARLES W.,** 601 First Ave., Peoria.
Literature; University of Michigan (Medical School) 1904-8; A. B., *ibid.*, 1906; to receive degree of M. D., 1908; Appointed Interne at Allegheny General Hospital, Pittsburg, Pa.
- MORGAN, HARRY D.,** 6020 Ellis Ave., Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6. A. B., *ibid.*, 1906; Honorable Mention for Work in Senior College; Phi Beta Kappa; University of Chicago Law School, 1906—.
- NEEF, FRANCIS J.,** 22 North Hall, University of Chicago, Chicago.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; University of Lousanne and Travel in Europe, 1905-6; University of Berlin, Summer Semester, 1906; University of Berlin, Winter Semester, 1906-7; University of Leipsic, Summer Semester, 1907; Graduate Student, University of Chicago, 1907-8; Fellow in German, *ibid.*, 1907-8.
- OLMSTEAD, RALPH W.,** 806 North 53d Avenue, Austin.
Science; with Bartlett, Frazier & Carrington, Chicago, 1900—.
- PAUL, JOSEPH W.,** Watseka.
Engineering; Assistant in Manual Training Rockford Schools, 1904-7; Instructor in Mechanical Drawing, Y. M. C. A. Night School, 1905-6; Graduate Student, Manual Training, Bradley Institute, 1907-8.

RITCHIE, VONNA V. (Mrs. DELOSS S. BROWN), 99 Barker Ave., Peoria.
Science; James Milliken School of Music, Decatur, Ill., 1904-5.

ROCKWELL, IVA F., 117 West Armstrong Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention, Member University Council; Assistant Ancient Languages, Bradley Institute, 1906-8.

ROGERS, LULU E. (Mrs. OTTO W. BOERS), Chillicothe.
Science; Teacher Peoria Schools, 1905.

SPECK, CHARLES H., 6031 Ellis Ave., Chicago.
Engineering; Business, Peoria, 1904-6; University of Chicago Law School, 1906; to receive degree of Ph. B., 1908.

STEMM, JOSEPHINE A., 514 St. James Street, Peoria.
Literature; Teacher Peoria Schools, 1904—.

VANCE, MYRA L., 172 Institute Place, Peoria.
Literature; Teacher Peoria Schools, 1907—

WILSON, EDNA L., 702 Maple Ave., Oak Park.
Literature; Teacher Oak Park, Ill., 1905-7.

1905

ARMSTRONG, JOHN E., Phi Gamma Delta Lodge, Ithaca, N. Y.
Engineering; Cornell University, 1905—.

BARTLEY, JOSEPH F., 514 Cheever Court, Ann Arbor, Mich.
Literature; Law Department University of Michigan, 1906; to receive Degree of LL. B. in June.

BECHT FRANK C., 5426 Lexington Avenue, Chicago.
Literature and Science; Winner University of Chicago Scholarship; University of Chicago, 1905-6; Fellowship in Physiology, *ibid.*, 1906-7. Assistant in Physiology, *ibid.*, 1907-8; Member of Sigma Chi. Publications American Journal of Physiology, "The Relation between the Blood Supply to the Submaxillary Gland and the Character of the Chorda and the Sympathetic Saliva;" "Mechanism by which Water is Eliminated in the Active Salivary Glands;" "The Effect of Head upon Animal Tissue with special reference to Nerves."

BOURLAND, FREDERICK B., 624 North Elizabeth St., Peoria.
Engineering; Printing Business, 1905; Engineering Department Briggs Real Estate Co., Los Angeles, Cal., 1906-7; Printing Business, Peoria, 1907—.

BRISLEY, MABEL L., 416 Windom Street, Peoria.
Literature; Normal Training Class, Peoria High School, 1906-7; Teacher Peoria High School, 1906—; Correspondence Course, English, French and History, University of Chicago.

CATION, JENNIE G., 605 Bradley Avenue, Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Assistant in Domestic Economy, Lincoln Center, Chicago, Oct., 1906, to January, 1907; Manager's Assistant at the Home Delicacies Association, Chicago, Jan. 1907; Teacher Home Economies, Loring School and Kenwood Institute, Chicago, 1907-8.

COOPER, MARILLA E., 415 Barker Ave., Peoria.
Literature; Oberlin College, 1905-7; *ibid.*, A. B., 1907; Teacher High School, Wyoming, Ill., 1907—.

COPES, KATHERINE, Delavan.
Science; Teacher in Tazewell County Schools, 1905-6; Teacher Delavan, 1906—.

CUTRIGHT, FLORENCE A., Louisiana, Mo.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1905-6; A. B., *ibid.*, 1906; Honorable Mention, *ibid.*; Teacher of Latin and English, Public Schools, Louisiana, Mo., 1907—.

- DICKSON, VICTOR H., 1411 Knoxville Av., Peoria.
Engineering; Massachusetts Institute of Technology, 1905-7; B. Sc., *ibid.*, 1907; with Dickson & Co., Peoria, 1907—.
- EDWARDS, NETA G., 5642 Madison Ave., Chicago.
Literature; University of Chicago, 1905-7; Ph. B., *ibid.*, 1907; Teacher High School, Watseka, Ill., 1907—
- HALE, VERA H., 6501 Kimbark Av., Chicago.
Classics; Teacher, Mapleton, 1905-6; University of Chicago, Summer, 1906; Teacher, Dolton, 1906—.
- HEYLE, ESSIE M., 127 Elmwood Ave, Peoria.
Science; Certificate in Domestic Economy, Bradley Institute, 1906. Teacher Domestic Economy, Bacon Mission, Peoria, 1906; Student, Simmons College, Boston, 1906-7; Teacher of Domestic Science Public Schools, Kansas City, Mo., 1907—
- KANNE, VERONA E., 1119 Trenton St., Los Angeles, Cal.
Literature; Teacher Peoria Schools, 1905-6; Teacher of Domestic Science, Los Angeles, Cal., 1906—.
- KEITHLEY, GILES E., 1601 Knoxville Ave., Peoria.
Science; Lake Forest University, 1905-7; A. B., *ibid.*, 1907,
- LAGERGREN, GUSTAF P., 89 Middle Divinity, University of Chicago, Chicago.
Literature; Draftsman Illinois Steel Bridge Co., Jacksonville, 1905-6; University of Chicago, 1906; Draftsman, Lyon & Healy, Chicago, April to October, 1907; Senior College Scholarship, University of Chicago, 1907; to receive A. B., 1908.
- LYNCH, RALPH A., 515 Illinois Av., Peoria.
Engineering; University of Illinois, 1905; to receive Degree of A. B., 1908.
- OSBORNE, ISABEL M., 1103 Perry Ave., Peoria.
Literature; Student Domestic Science, Bradley Institute, and University of Illinois, 1906—
- STRAESSER, MABEL S., 1000 N. Glendale Ave., Peoria.
Science; Teacher Peoria Schools, 1905—.

1906

- BUCKLEY, MIRIAM E., 308 N. Orange St., Peoria.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Peoria Schools, 1907—.
- COLBY, HENRY H., 1107 4th Ave., Moline, Ill.
Science; Machinist, Granville, 1906, and Ottawa, 1907; Die Maker, Moline, 1908.
- COLLINS, BERYL B., 514 Cheever Court, Ann Arbor.
Science; Law Department, University of Michigan, 1906; completes Law Course, 1908.
- COWELL, JOSEPH G., 221 Crescent Ave., Peoria.
Science; Graduate Student, Bradley Institute, 1906-7; University of Illinois, 1907—
- DOUBET, MARY D., 107 Bigelow Street, Peoria.
Classics; Teacher Peoria Schools 1906—.
- ELLIS, ELEANOR, 162 North Greenwood Ave., Peoria.
Literature; winner University of Chicago Scholarship; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Cooking and Sewing, Public Schools, Kansas City, Mo., 1907—
- FARLEY, NELLIE R., 217 Missouri Ave., Peoria.
Literature; University of Missouri, 1906—.
- FAST, BYRON M., 410 Chalmers Ave., Champaign, Ill.
Science; Teacher of Manual Training Grand Rapids, Wis., 1906-7; University of Illinois, 1907—.
- GREVES, GEORGE L., 212 Wisconsin Ave., Peoria.
Science; Graduate Student in Chemistry, Bradley Institute, 1906-7; Teacher of Manual Training, Peoria Public Schools, 1907—

- HARRIS, JOSEPH W., Seward.
Science; Graduate Student Bradley Institute, 1906-7; with Westinghouse Electric Co.,
Pittsburg, Pa., 1907—
- HELMBOLD, JESSIE T., 711 North St., Peoria.
Science; Teacher Peoria Schools, 1906—.
- HAYES, VERA J., 227 Missouri Ave., Peoria.
Literature; Northwestern University, 1906—.
- HEYLE, FRANKLIN T., 127 Elmwood Ave., Peoria.
Engineering; University of Illinois, 1906—.
- HUNTER, EDITH A., 103 Ayers Ave., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher
Carrollton, Ill., 1906-7; Teacher Domestic Science, Peoria Public Schools, 1907—.
- KENDALL, J. ORVILLE, 1104 Fifth Ave., Peoria.
Science; with Avery Co., 1906—.
- KIRKPATRICK, MADGE I., 608 North Jefferson Ave., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher
of Algebra and Domestic Economy, Pekin High School, Pekin, Ill, 1907—
- LUKENS, JOHN E., 126 S. Ash St., Ottumwa, Ia.
Science; Teacher of Science, High School, Chariton, Ia, 1906—.
- LYDING, HARRISON A., 6154 Ellis Ave., Chicago.
Science; Winner University of Chicago Scholarship; University of Chicago, 1906-8; Senior
College Scholarship, *ibid.*, 1907-8; B. S., *ibid.*, 1908.
- MILLS, HELEN S., 2312 Calumet Ave., Chicago.
Science; Graduate Student and Assistant in Chemistry, Bradley Institute, 1906-7.
- NEILL, LOUIE A., 1424 State St., Milwaukee, Wis.
Engineering; Draftsman American Hardware Co., Ottawa, 1906-7; with Lake Superior
& Southern R. R., 1907—
- PHILLIPS, IRENE L., Delavan.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Stark, Ill., 1907—.
- ROCKWELL, FLOY E., 314 North St., Normal, Ill.
Literature; Illinois Wesleyan University, 1907—
- SHEA, EDNA E., 335 Henry St., Peoria.
Literature; Teacher Peoria Schools, 1906—.
- SIMMS, FRED S., 118 Pennsylvania Ave., Peoria.
Mechanic Arts; University of Illinois, 1906-7; Business, Peoria, 1907—
- TINEN, MARY E., 211 Sumner Ave., Peoria.
Literature; Teacher Peoria Schools, 1906—
- TOBIAS, AGNES M., 426 North St., Peoria.
Literature; Special Teacher of Drawing, Glen Oak School, Peoria, 1906-8; Student, Sum-
mer School, Bradley Institute, 1907.
- WRIGHT, LELA M., 5602 Drexel Ave., Chicago.
Literature; University of Chicago, 1906; to receive Ph. B., 1908.

TEACHER'S CERTIFICATE

- DAVISON, CHARLES R., 5 Sybella St., Bellevue, Pa.
Teacher of Manual Training, Alleghaney, Pa., 1906-7; Bellevue, Pa., 1907—
- GOLDSMITH, MAUD, 208 South College Ave., Bloomington, Ind.
Supervisor of Manual Training in Grade Schools and High School, Bloomington, Ind.,
1906—.

- MCNABNEY, CHARLES, 1721 Boyelston St., Seattle, Washington.
Teacher of Manual Training, Lincoln High School, Seattle, Wash., 1906—.
- WRIGHT, MARY ALICE, 1124 First St., Springfield.
Teacher of Manual Training, Teachers' Training School, Springfield, 1906-7; Assistant Supervisor of Manual Training and Drawing, Public Schools, Bloomington, Ind., 1907—
- The Certificate in Domestic Economy was conferred upon Jennie E. Cation, Essie M. Heyle, Edith A. Hunter and Hertha Tjaden, whose records will be found on preceding pages.

1907

- BAKER, ARTHUR E. 1212 South Adams St., Peoria.
Science; Medical School, University of Michigan, 1907—.
- COALE, WILLIS B., 505 Bigelow St., Peoria.
Classics; Teacher Tazewell Co., 1907—.
- FELTGES, EDNA M., 521 New York Ave., Peoria.
Literature; Teacher, Edelstein, 1907—.
- GRANT, SARA J., 412 Pennsylvania Ave., Peoria.
Literature, Art Institute, Chicago, 1907—.
- HARTE, LOUISE W., Minonk.
Literature; Teacher, Glasford, Ill., 1907—.
- HAUK, GRACE E., 711 Seventh Ave., Peoria.
Classics; Iowa Library School Summer 1907; Assistant in English and Library, Bradley Institute, 1907—.
- HAYWARD, JAMES C., 409 Dechman Ave., Peoria.
Science; Student Cornell University, 1907—.
- KELLAR, HERBERT A., 5700 Drexel Ave., Chicago.
Classics; University of Chicago, 1907—.
- MILLER, FREDERICK F., 220 N. Ingalls St., Ann Arbor, Mich.
Science; Medical School, University of Michigan, 1907—.
- O'BRIEN, EDNA M., Morton.
Science.
- PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Literature; Graduate Student, Bradley Institute, 1907—.
- RIDER, ELIZABETH, Pekin.
Literature; Teacher High School, Chillicothe, 1907—.
- ROBINSON, EULALIA, Goodfield.
Literature; Teacher, Goodfield, 1907—.
- ULRICH, LENA S., 323 Sixth St., Peoria.
Literature; Mt. Holyoke College, 1907—.
- WOOLNER, ROSE, Kelley Hall, University of Chicago, Chicago.
Literature; University of Chicago, 1907—.

TEACHERS' CERTIFICATE

- BOWMAN, BERTHA R., Mt. Carroll.
Teacher of Domestic Science and Assistant in English, Frances Shimer Academy, Mt. Carroll, 1907—.
- ELLIS, ELEANOR, 162 N. Glenwood Ave., Peoria.
Teacher of Domestic Science, Public Schools, Kansas City, Mo., 1907 (See Class of 1906).
- FRANCIS, MYRTLE D., 39 State St., Chicago.
Teacher of Domestic Science, Girls' Industrial School, Oct. to March, 1907—, Evanston; Teacher School of Domestic Arts and Science, Chicago, March, 1907—.
- KIRKPATRICK, MADGE I., 608 N. Jefferson Ave., Peoria.
Teacher of Algebra and Domestic Science, Pekin, Ill., 1907— (See Class of 1906.)
- NELSON, ALMA E., Stillwater, Minn.
Teacher of Manual Training, Valley City, N. D., 1907—.
- TEFFT, MARY E. (Mrs. CHARLES R. DAVISON), 5 Sybella St., Bellevue, Pa.

LIST OF STUDENTS

GRADUATE

Graber, Lottie A.....Peoria Paul, Joseph W.....Forest City
Patterson, Laura G.....Peoria

COLLEGE

Avery, Ellen.....Peoria	Hutter, George F....Wilkesbarre, Pa.
Avery, Frances.....Peoria	Johnson, Genevieve N.....Peoria
Bailey, Martha.....Peoria	Johnson, Winifred J.....Peoria
Balcke, Olive A.....Quincy	Keller, George W.....Cincinnati, O.
Barr, Leslie J.....Lacon	Keller, Roy A.....Peoria
Bartson, Pearl J.....Peoria	Kellogg, Susan A.....Peoria
Baughman, Bertha.....Peoria	Knapp, Mary A.....Pekin
Baumgartner, Grover C.....Peoria	Kraeger, Bertha E.....Pekin
Becker, Harry S.....Peoria	Lee, Grace E.....Peoria
Beecher, Benj. S.....Peoria	Lidle, Irene C.....Peoria
Bennett, William R.....Peoria	Lindeburg, Frederick G.....Peoria
Bibo, Anna.....Alta	Lindsey, Tasso.....Lockport, N. Y.
Bohl, Francis J.....Peoria	Love, Edith B.....Peoria
Boniface, Vivian.....Peoria	Lynch, Harold W.....Peoria
Brown, Claude E.....Peoria	Macdonald, Alexander.....Peoria
Brown, Hazel M.....Peoria	Mahle, George C.....Pekin
Byron, Lester A.....Peoria	Mann, Roberts J.....Peoria
Carter, Fern L.....Lewistown, Ill.	Marcy, Hazel R.....Peoria
Case, Bertha.....Peoria	Margaret, Melitta A.....Peoria
Cashin, Bernadette M.....Peoria	Martin, Helen E.....Granville
Causey, Frederick A.....Pekin	Mason, Charles G.....Peoria
Chapin, Cecelia B.....Canton	McDowell, Mabel.....Peoria
Cole, Florence W.....Pekin	Morris, Bessie M.....Peoria
Cooper, Hugh R.....Peoria	Moss, Ethelwyn.....Peoria
Curtis, John W.....Turner, Ariz.	Muir, Ellen A.....Peoria
Cushing, Edward A.....Peoria	Munns, Edward M.....Peoria
Donathan, Erma.....Peoria	Murdock, R. Kenneth...Champaign
Dwinell, Merrill McA.....Kankakee	Neilson, John H.....Peoria
Easton, Sidney H.....Peoria	Plowe, Robert.....Peoria
Ebaugh, Glen M.....Peoria	Pugh, Mary A....Crawfordsville, Ind.
Estep, Bessie L.....Peoria	Radley, Olive E.....Peoria
Everly, Harold E.....Wenona	Ritter, Florence E...Williamsport, Pa.
Faber, Marion.....Peoria	Rockwell, Rexie.....Peoria
Fieselma, Sidney A.....Peoria	Sager, Ben F.....Peoria
Fritze, Lucius A.....Peoria	Salzenstein, Blanche M.....Peoria
Fuener, Charles.....Peoria	Sayre, Vernon E....Emporia, Kansas
Fulford Annette E.....Peoria	Schnebly, Merrill I.....Peoria
Geach, Laura E.....Peoria	Schureman, Mildred A..Green Valley
Grant, Martha I.....Peoria	Schweitzer, Harry E.....Peoria
Gregg, Hazel.....Peoria	Seymour, Ralph L...Plainville, Conn.
Griffin, Harry K.....Wenona	Shoop, William M.....Peoria
Grimm, Edith L.....Quincy	Siebers, Oscar W.....Gridley
Hannam, E. Louise.....Oneida	Siepert, Albert F.,Chippewa Falls,Wis.
Harris, David E.....Seward	Spurck, Robert M.....Peoria
Hassenfratz, Lillian C.....Fairbury	Straesser, Clarence W.....Peoria
Hayward, Margaret B.....Peoria	Truitt, Henry.....Chillicothe
Heckman, Constance C.....Peoria	Wells, Jessie E.....Sioux City, Ia
Helmbold Louis M.....Peoria	Werckle, Frank W.....Peoria
Hiller, William G.....Peoria	Westlake, Ella C.....Springfield
Hudson, William H.....Peoria	Williams, Mary E..Bloomington, Ind.

HIGHER ACADEMY

Allen, Ruth.....	Peoria	Lidle, Edwin L.....	Peoria
Allison, Etta M.....	Lerna	Linneman, Fred W.....	Pekin
Apple, Charles H.....	Peoria	Love, Jean H.....	Peoria
Atwood, Charles A.....	Alta	Mason, Lester R.....	Peoria
Bailey, Joseph F.....	Lindenwood	McCullough, Harold D.....	Peoria
Baker Edna F.....	Sioux City, Ia.	McDonald, Harry T.....	Peoria
Ballance, Nevius Van D.....	Peoria	Mercer, Frank G.....	Peoria
Batchelder, Joseph H.....	Peoria	Mercer, Jessie E.....	Peoria
Belsley, Olga C.....	Peoria	Minton, John P.....	Peoria
Bibo, Mary.....	Alta	Murduck, Elizabeth A...	Champaign
Botto, Susanne J.....	Alta	Neal, Walter E.....	Chillicothe
Buchner, Genevieve P.....	Alta	Nixon, Helen M.....	Peoria
Bunn, Loring T.....	Alta	Nowland, Robert E.....	Peoria
Capperrune, Roe.....	Bradford	Otto, Della R.....	Melvin
Carson, Roy P.....	Peoria	Parker, Bennett R.....	Peoria
Cation, Anna L.....	Peoria	Paul, Carl E.....	Forest City
Cole, Fred W.....	Toulon	Peterson, Irving H.....	Peoria
Coleman, Bessie M.....	Hennepin	Pfeffinger, Carl L.....	Peoria
Cooper, Ruth L.....	Peoria	Pfeiffer, Benjamin S.....	Peoria
DeLent, Louise I.....	Peoria	Phillips, Aaron P.....	Peoria
Donley, Edgar B.....	Peoria	Plowe, Marjorie.....	Peoria
Droll, Robert L.....	Mossville	Porter, Lila L.....	Peoria
Drury, Florence O.....	Peoria	Reed, Iva V.....	Peoria
Eckstein, Henry.....	Peoria	Reynolds, Olive M.....	Farmington
Ehringer, Bert H.....	Washburn	Reynolds, Irving C.....	Farmington
Faubel, Luella K.....	La Moille	Richmond, Marguerite...	Peoria
Fisher, Eleanor M.....	Peoria	Rockwell, Lynn D.....	Lena, N. Y.
Flood, Wilbur E.....	Peoria	Rutherford, Edith.....	Peoria
Gibson, Anna L.....	Peoria	Sanford, Floyd E.....	Peoria
Giessler, Wm. C.....	Peoria	Schenck, Roger.....	Peoria
Gilliland, Robert E.....	Peoria	Schertz, Irene E.....	Peoria
Gooding, Frank E.....	Peoria	Scotfield, James A.....	Peoria
Goss, Frances H.....	Peoria	Scranton, Charles J.....	Peoria
Hall Murray H.....	Peoria	Sengenberger, Ella C.....	Peoria
Hegler, Lawrence W.....	Peoria	Servoss, Harold G.....	Havana
Heyle, Allen W.....	Peoria	Shank, Hazel E.....	Peoria
Hicken, Rudolph H.....	Peoria	Sherwood, Ruth R.....	Peoria
Huber, Frank.....	Peoria	Siebers, Lynn C.....	Gridley
Hunter, James A.....	Peoria	Smith, Frank D.....	Peoria
Jackson, Rudolph H....	Belleville, O.	Smith, Merle G.....	Peoria
Jobst, Natalia.....	Peoria	Spence, Hazel N.....	Peoria
Johnson, Catherine.....	Peoria	Strehlow, Paul V.....	Peoria
Kamman, Elva.....	Peoria	Strehlow, Sanchen G.....	Peoria
Keithley, Amy.....	Peoria	Summers, Ethel M.....	Peoria
Kellar, G. Gordon.....	Peoria	Thede, Freda A.....	Peoria
Kenyon, Fred N.....	Peoria	Thomas, Helen S.....	Peoria
Kieran John F.....	Peoria	Thomas, Verra M.....	Peoria
Klotz, Harry J.....	Peoria	Tweddale, Harry E.....	Washburn
Kuhl, John H.....	Peoria	Voorhees, Julia.....	Peoria
Lafferty, Charles.....	Lanark	Wells, Herbert R.....	Peoria

LOWER ACADEMY

Armstrong, Leonard K.....	Peoria	Badgley, Donald L.....	Peoria
Aylward, Frank R.....	Peoria	Bailey, Ruth.....	Peoria
Aylward, James T.....	Peoria	Barnes, Mildred.....	Peoria

Bauer, Ethel.....	Peoria	Forrest, Wilbur S.....	Peoria
Bavington, Elizabeth M....	Edelstein	Foster, Emma M.....	Peoria
Becker, Alice R.....	Peoria	Franks, Danforth W.....	Peoria
Bennett, Howard G.....	Peoria	Franzen, Theodore J.....	Peoria
Berger, Hazel M.....	Peoria	Frazer, Alice M.....	Peoria
Bestor, Jessie S.....	Peoria	Gardner, Edna F.....	Peoria
Biedenfeld, Eduard von....	Granville	Garrett, Una M.....	Peoria
Block, Agnes S.....	Peoria	Gauss, Clara L.....	Peoria
Block, Harriet F.....	Peoria	Gipps, Della T.....	Peoria
Botts, Hazel M.....	Peoria	Glasgow, Mildred A.....	Peoria
Brande, Edward D.....	Grinnell, Ia.	Goldstein, Ruby M.....	Peoria
Bruns, Columbia M. C.....	Peoria	Gordon, Myrtle O.....	Peoria
Buchanan, Florence E.....	Peoria	Goss, John M.....	Peoria
Buchner, Warren J.....	Peoria	Graner, Richard F.....	Peoria
Buckley, Mary F.....	Peoria	Green, James B.....	Edelstein
Burgess, Helena.....	Peoria	Greves, Ross B.....	Peoria
Burrill, Frances A.....	Peoria	Grier, Samuel C.....	Peoria
Cain, William L.....	Peoria	Haller, Marcia.....	Peoria
Campbell, Howard A.....	Peoria	Hakes, Laura L.....	Peoria
Cartwright, Benj. E.....	Peoria	Hancock, Hazel L.....	Peoria
Cashin, Kathleen M.....	Peoria	Hanna, Georgia D.....	Peoria
Cashman Edward E.....	Peoria	Harman, Harris K.....	Peoria
Clark, Emily K.....	Peoria	Harrison, Olga R..	Peoria
Cockle, Elizabeth.....	Peoria	Havens, Grace M.....	Peoria
Coffey, Isabella.....	Peoria	Heald, Helen M.....	Peoria
Colwell, Rena V.....	Chillicothe	Heintzman, Rudy H.....	Metamora
Cook, Marvel L.....	Mackinaw	Herschel, Arthur.....	Peoria
Cornelison, Agnes F.....	Peoria	Herschel, Paul E.....	Peoria
Cornelison, Katherine L.....	Peoria	Herweg, Karl H.....	Peoria
Cornelison, Robert G.....	Peoria	Hine, Allen T.....	Peoria
Cross, Sarah A.....	Forest City	Holliday, Helen L.....	Peoria
Culver, Anna L.....	Peoria	Holm, Victor G.....	Peoria
Culver, Dorothy E.....	Peoria	Holmes, Charles W.....	Chillicothe
Dappert, John R.....	Taylorville	Holmes, John S.....	Chillicothe
Dappert, Ray O.....	Taylorville	Holmes, Raymond L.....	Princeville
Davis, Ralph E.....	Peoria	Horton, Eugene E.....	Peoria
Davis, Robert N.....	Peoria	Howard, Nina O.....	Peoria
Davison, Otto A.....	Peoria	Howland, Winfield H.....	Peoria
DeLent, Addalena M.....	Peoria	Huber, Carrie A.....	Dunlap
Dickson, Nina.....	Peoria	Hunter, Mary E.....	Peoria
Dombrowski, Elsa.....	Peoria	Hunter, Wyman.....	Peoria
Dombrowski, Flora.....	Peoria	Isom, Eva L.....	Peoria
Donley, Marie D.....	Peoria	Jacquin, Homer S.....	Peoria
Drury, Bernice.....	New Boston	Johnson, Anna M.....	Peoria
Edgeworth, Arthur L.....	Plymouth	Johnson, John A.....	Peoria
Ellis, John O.....	Peoria	Johnston, Chauncey C.....	Peoria
Elmqvist, Arvid G.....	Peoria	Jones, Maud L.....	Peoria
Faber, Joseph F.....	Peoria	Jones, Onie M.....	Peoria
Faber, Katherine.....	Peoria	Kamman, Meta M.....	Peoria
Farra, Ruth S.....	Peoria	Keithley, Lily L.....	Peoria
Fenelon, Wm. W.....	Peoria	Kennel Frances C.....	Hopedale
Fisher, Janet M.....	Peoria	King, Katherine L.*.....	Peoria
Ford, Lucie A.....	Peoria	Kramer, Wm. F.....	Peoria
Ford, Roy F.....	Edwards	Kupper, Walter J.....	Peoria
Foreman, Lucile.....	Edwards	Langton, Ruth M.....	Peoria

*Deceased.

Lester, William J.....	Peoria	Preston, Eloise B.....	Pekin
Look, Elizabeth R.....	Peoria	Price, Elizabeth.....	Peoria
Love, Gladys A.....	Canton	Raymond, George L.....	Peoria
Lucas, Eda I.....	Peoria	Ringness, Zella M.....	Peoria
Lueder, Bertha.....	Peoria	Robison, Elizabeth S.....	Peoria
Maple, Lucile E.....	Peoria	Schimpff, Herman C.....	Peoria
Marsh, May G.....	Peoria	Schnackenberg, Pearl A.....	Peoria
Marshall, Lillian.....	Peoria	Schnellbacher, Frederick L.....	Peoria
Martin, Edward I.....	Peoria	Schwentzer, Marcella F.....	Peoria
Matthew, Hazel E.....	Peoria	Secretan, Charlotte R.....	Peoria
Mayor, Ralph.....	Peoria	Seth, Shuntock.....	Chicago
McCann, Leland K.....	Peoria	Singer, May L.....	Peoria
McDonald, Mabel C.....	Trivoli	Smallenberger, Della W.....	Peoria
McLaughlin, Fannie Neil.....	.....	Smith, Hazel H.....	Peoria
.....	Fayetteville, Tenn.	Snedaker, E. Sylva.....	Cornell
McLaughlin, Margaret K.....	.....	Spence, Frederick M.....	Elmwood
.....	Fayetteville, Tenn.	Sprague, Adelaide.....	Peoria
Meidroth, Leslie E.....	Peoria	Spurck, Clara A.....	Peoria
Miller, Frances.....	Peoria	Stewart, Ula.....	Peoria
Miller, Olga F.....	Peoria	Stowell, Calvin.....	Edelstein
Moutier, Robert J.....	Peoria	Sweetzer, John W.....	Morton
Mooberry, Irene C.....	Morton	Tanton, Florence R.....	Peoria
Murray, Frank H.....	Clifton	Tarbell, Harlan E.....	Groveland
Naffziger, Adina B.....	Pekin	Taylor, Logan H.....	Peoria
Nicol, Jean.....	Peoria	Todhunter, Florence J.....	Peoria
Ohl, Rudolph.....	Peoria	Tyler, Ethel.....	Peoria
Oliver, Bernice W.....	Peoria	Voorhees, Daniel W.....	Peoria
Orr, Dwight H.....	Peoria	Voorhees, Fern.....	Peoria
Park, Arthur W.....	Peoria	Walker, Frances F.....	Peoria
Parker, Mildred J.....	Peoria	Webster, William H.....	Washington
Parker, Theodora C.....	Peoria	Wheeler, Helen G.....	Peoria
Paul, Helen L.....	Peoria	White, Olga E.....	Peoria
Persons, Myron B.....	Denver, Colo.	Whitney, Hazel R.....	Peoria
Pindell, Frances A.....	Peoria	Wolfner, Josephine.....	Peoria
Plack, Theodore.....	Oak Hill	Wolfner, Rose.....	Peoria
Poole, Malcolm A.....	Peoria	Wright, Lenis H.....	Peoria
Potter Edith L.....	Peoria	Wright, Joseph H.....	Peoria
Potter, Ethel L.....	Peoria	Young, George H.....	Peoria
Potter, Mabel M.....	Dunlap		

UNCLASSIFIED

Becker, Margaret.....	Peoria	Kedzie, Sara M.....	Denver, Colo.
Bourland, Mrs. Norman.....	Peoria	Keefauver, Mildred J.....	Peoria
Bourscheidt, Jean M.....	Peoria	Maury, Mrs. Dabney.....	Peoria
Boynton, Emma.....	Peoria	McCann, Laura E.....	Warrensburg, Mo.
Burns, Nellie.....	Peoria	Moser, Lydia.....	Peoria
Burns, Susie.....	Peoria	Moser, Pheba.....	Peoria
Carr, Rosa.....	Peoria	Peterson, Minnie.....	Peoria
Clark, May E.....	Peoria	Reed, Bertha.....	Peoria
Colwell, Bertha.....	Peoria	Reichel, Heinrich C.....	Eureka
Conigisky, Benj. F.....	Peoria	Rogers, Lallah R.....	St. Louis, Mo.
Dietz, Emma.....	Peoria	Schembs, Minnie.....	Peoria
Gable, Lillian E.....	Peoria	Shield, Alice.....	Peoria
Grier, Isabelle.....	Peoria	Steele, Mrs. H. F.....	Peoria
Griffin, Grace.....	Peoria	Townsend, Cordelia J.....	Peoria
Holsinger, Lloyd.....	Peoria	Tracy, Anna.....	Peoria
Holsinger, Verna B.....	Peoria	Trautmann, Anna.....	Peoria
Jack, Jane H.....	Peoria	Tjaden, Anna.....	Peoria
Jamison, Mrs. Albert W.....	Peoria	Vickery, Theo. M.....	Peoria

SUMMER SCHOOL

Anderson, Edward G.....	Peoria
Anderson, Will....	Montgomery, Ala.
Atwood, Charles A.....	Alta
Bailey, Myron E....	Cumberland, Md.
Ball, Susie J.....	Peoria
Beatty, Helen S.....	Quincy
Bloom, Minnie C.....	Peoria
Brown, Ralph A.....	Cleveland, O.
Burk, William A. Mt. Pleasant, Mich.	
Burns, Nellie A.....	Peoria
Buscher, Gertrude..	Indianapolis, Ind.
Calhoun, Carrie.....	Peoria
Carpenter, Harriet L.....	Dixon
Carrigan, Crahles....	Fairmont, Minn.
Case, Bertha.....	Peoria
Clover, Ora.....	Clinton, Ind.
Chester, Ruth.....	Warrensburg, Mo.
Church, Eugene B..	San Antonio, Tex.
Clark, Roscoe P....	Indianapolis, Ind.
Coburn, Llewellyn H.,	Whitewater, Wis.
Conway, George K....	Cheyney, Pa.
Craig, Will J.....	Peoria
Crosby, Netta M.....	Pekin
Davy, Edith M.....	Detroit, Mich.
Deady, Bridget.....	Peoria
Denny, Catherine..	Terre Haute, Ind.
Ebaugh, Glen M.....	Peoria
Engstrom, Hannah B.....	Peoria
Filbey, Emery T.....	Ellwood.
Fleming, Mattie B....	Auburn, Neb.
Fletcher, William O..	Detroit, Mich.
Flickner, Martha V....	St. Louis, Mo.
Flickner, Maud R....	St. Louis, Mo.
Foth, George O....	Philadelphia, Pa.
Franquemont, Ernest A.	St. Louis, Mo.
Goodwin, Hilliard E..	San Mateo, Fla.
Gould, Charles J....	Whitewater, Wis.
Grant, John F.....	Whitewater, Wis.
Grant, Sarah J.....	Peoria
Grim, Edith L.....	Quincy
Guisinger, Amanda J..	Anderson, Ind.
Healy, Elizabeth.....	Lincoln
Heberling, Ralph H.....	Havana
Hoehner, John H.....	St. Louis, Mo.
Holm, Lily.....	Peoria
Hornaday, Eva Schurmann.....	
.....	Indianapolis, Ind.
Jackson, Harry E....	Stillwater, Minn.
Jensen, George L.....	Bourbon, Pa.
Jones, Joseph L.....	Des Moines, Ia.
Jones, Leon L.....	Delavan, Wis.
Kellar, Mrs. Mary E.....	Peoria
Kelley, Bertha M.....	Peoria
Kent, George W.....	Peoria
Keyes, Samuel A..	Washington, D. C.
Lander, Clarence H....	Cleveland, O.
Love, Edith B.....	Peoria
Lindsay, Tasso.....	Lockport, N. Y.
Lord, Georgina H.....	Peoria
Lynch, Harold W.....	Peoria
Lynn, Joseph V....	Alberta, Canada
Manning, Genevieve.....	Peoria
McCann, Laura E.	Warrensburg, Mo.
McDougall, Colin....	Whitewater, Wis.
Moritz, Ruth A....	Peoria
Morris, Thomas F....	Allegheny, Pa.
Maxwell, Forest O.....	Austin, Tex.
Mickel, S. Adelaide.....	Berlin, Wis.
Neilson, John H.....	Peoria
Nelson, Alma E.....	Stillwater, Minn.
Parkes, Harriet.....	Clinton, Ia.
Perley, Marie H.....	Lincoln, Neb.
Peterson, Minnie M.....	Peoria
Polscher, Albert L.....	Toledo, O.
Rader, Caroline M....	Daleville, Ind.
Real, Mabel A....	Cedar Rapids, Ia.
Rhyan, Ivah M.....	Vermilion.
Rippey, Blanch C.....	Peoria
Roys, Hervey N.....	Rollin, Mich.
Salomon, Imogene....	Anderson, Ind.
Selvidge, Robert W.,	Warrensburg, Mo.
Shaw, Hemingway D.....	Amboy.
Shock, William A....	Huntington, Ind.
Siepert, Albert F.....	
.....	Chippewa Falls, Wis.
Smith, Robert J.....	Ruston, Ia.
Smithgall, Katherine L.....	Peoria
Stephens, Selma....	Greenfield, Ind.
Strong, Mrs. Jessie C..	Madison, Ind.
Thomasson, Walter L.....	
.....	Charlottesville, Va.
Tobias, Agnes M.....	Peoria
Trace, Gaylord P.....	Cleveland, O.
Udell, Earl L.....	Wells, Minn.
Uecke, Florina A. E.....	Quincy.
Ulrich, George H.....	Peoria
Waggoner, Lillian S.....	Peoria
Watts, Fred M....	Springfield, Mass.
Williams, Katherine E. L....	
.....	Lapeer, Mich.
Wright, Edward F....	Columbia, Mo.
Wright, Mary A.....	Springfield.

SUMMARY OF STUDENTS.

	YOUNG MEN	YOUNG WOMEN	TOTAL
Graduate	1	2	3
College	49	51	100
Higher Academy	58	43	101
Lower Academy	78	114	192
Unclassified	3	33	36
Summer School	55	43	98
			<hr/> 530
Horological Department (see Horological Catalogue)			281
			<hr/> 811
Deduct names counted twice....			10
			<hr/> 801

RESIDENCE OF STUDENTS

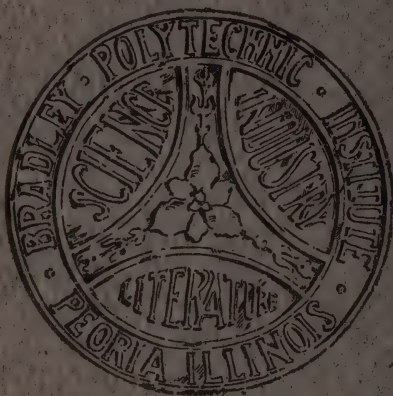
School of Arts and Sciences:		
From Peoria	355	
From Illinois (outside of Peoria)	88	
From other States	77	
	<hr/> 520	520
Horological Department:		
From Peoria	15	
From Illinois (outside of Peoria)	49	
From other States	217	
	<hr/> 281	281
		<hr/> 801

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THE HOROLOGICAL DEPARTMENT

The Horological Department gives practical instruction in watchwork, Engraving, Jewelry, and Optics. It is open throughout the year, and Students can enter at any time. A catalogue will be sent free upon request.



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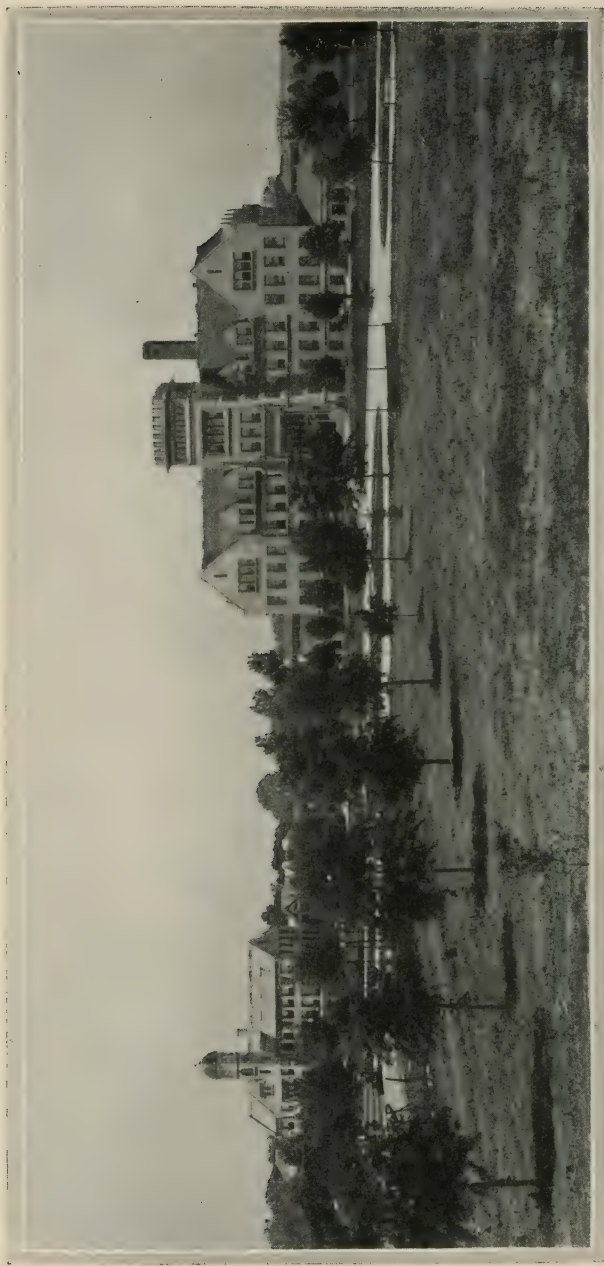
Bradley

Polytechnic Institute

The School of Arts and Sciences
Bradley Hall

Register.. 1908-1909
Announcements for 1909-1910

Peoria, Illinois
May, 1909



HOROLOGY HALL

BRADLEY HALL

BRADLEY POLYTECHNIC INSTITUTE
PEORIA, ILLINOIS
FOUNDED IN 1897

Bradley Polytechnic Institute

The School of Arts and Sciences

BRADLEY HALL

Register 1908-1909
Announcements for 1909-1910

PEORIA, ILLINOIS

MAY 1909

CALENDAR FOR 1909-1910

September 21.....	Tuesday.....	Autumn Quarter Begins
October 8.....	Friday.....	Founder's Day
October 21.....	Thursday.....	Parents' Meeting
November 5.....	Friday.....	Annual Lecture Course Begins
November 25 and 26.....	Thursday and Friday.....	Thanksgiving Holidays
December 17.....	Friday.....	Autumn Quarter Ends

CHRISTMAS VACATION.

January 3.....	Monday.....	Winter Quarter Begins
January 27.....	Thursday.....	Day of Prayer for Colleges
February 22.....	Tuesday.....	Washington's Birthday
March 18.....	Friday.....	Winter Quarter Ends
March 21.....	Monday.....	Spring Quarter Begins
March 24.....	Thursday.....	Parents' Meeting
March 25.....	Friday.....	Annual Concert

APRIL 16 TO APRIL 24, SPRING VACATION.

May 30.....	Monday.....	Memorial Day
June 10.....	Friday evening.....	Open Night
June 15.....	Wednesday.....	Work of Spring Quarter Ends
June 16.....	Thursday.....	Class Day
June 17.....	Friday.....	Convocation Day

HISTORICAL SKETCH

MR. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. To assist in forming their plans they visited together a number of educational institutions, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later Mrs. Bradley took the matter up and formulated her wishes substantially as they are now expressed in the constitution of the Institute. It was her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the advice of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for buildings and equipment; the fund for these purposes was later largely increased. The death of Mrs. Bradley occurred January 16, 1908, just after the close of the first decade in the history of the Institute.

Work was begun April 10, 1897, upon two buildings, Bradley Hall, devoted to general education, and Horology Hall, where instruction is given in Watchwork, Jewelry, Engraving and Optics. These buildings were occupied in October and November respectively. School work was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall, and this date has been observed annually with appropriate exercises. In 1904 a station of the United States Weather Bureau was established in a building erected by the Government at the north end of the campus.

In the Fall of 1908 work was begun upon the new Gymnasium which will be ready for use at the opening of the next school year.

This catalogue contains the records of the twelfth year, and the announcements for the thirteenth year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY Peoria
President

LESLIE D. PUTERBAUGH Peoria
Vice-President

HARRY A. HAMMOND Wyoming
Secretary

HARRY PRATT JUDSON The University of Chicago

ZEALY M. HOLMES Mossville

ALBION W. SMALL The University of Chicago

JOHN M. NIEHAUS Peoria

COMMITTEES

Finance . MESSRS. BAILEY, PUTERBAUGH, HOLMES, HAMMOND, NIEHAUS

Buildings and Grounds . . . MESSRS. HOLMES, NIEHAUS, HAMMOND

Faculty, Curriculum and Equipment . MESSRS. JUDSON, SMALL, PUTERBAUGH

THEODORE C. BURGESS *Director of the Institute*

CHARLES R. WHEELER *Treasurer*

FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1908-1909

OFFICERS OF ADMINISTRATION

THEODORE C. BURGESS.	{	<i>Dean of College and Higher Academy</i>
	{	<i>Director of the Institute.</i>
DOROTHY DUNCAN	.	<i>Dean of Women</i>
CHARLES TRUMAN WYCKOFF	.	<i>Dean of Lower Academy</i>
CLARENCE ELMER COMSTOCK	.	<i>Recorder</i>

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B., Hamilton College, 1883; A. M., *ibid.*, 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek, University of Chicago, Summers 1900-5; Professor of Greek, *ibid.*, Summers 1906-9; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharpe Manufacturing Co. and Putnam Machine Co. 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers' College, New York City, 1891-7; Editor of *Manual Training Magazine*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

HELEN BARTLETT, Ph.D.,* *Professor of Modern Languages.*

Student in Berlin, 1882-4 and 1890; Teacher of German, Peoria High School, 1884-9; Assistant Principal, *ibid.*, 1887-9; Student Newnham College, University of Cambridge, England, 1889; A. B., Bryn Mawr College, 1892; A. M., 1893; Ph. D., *ibid.*, 1896; Graduate Student in English and German, Bryn Mawr College, 1892-5; Fellow in English, *ibid.*, 1893-4; Holder of the American Fellowship of the Association of Collegiate Alumnae, 1894-5; Instructor in German, Portland Academy, Portland, Oregon, 1896-7; Student at University of Berlin, Spring and Summer, 1905; Assistant Professor of Modern Languages, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B., Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor in English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1891-3; Graduate Student of History and Political Science, University of Chicago, 1894-96; Fellow, *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-1904.

CLARENCE ELMER COMSTOCK, A. M., *Professor of Mathematics.*

A. B., Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-94; A. M., Knox College, 1891; Graduate Student in Mathematics, Johns Hopkins University, 1892-3, 1894-5; University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902; Assistant Professor, *ibid.*, 1902-8.

*On leave of absence.

FREDERICK LENDALL BISHOP, Ph.D., *Assistant Professor of Physics.*

Student, Literature and Language, Boston University, 1894-5; S. B., Massachusetts Institute of Technology, 1898; Graduate Student, *ibid.*, Summer, 1898; Graduate Student in Physics, University of Chicago, Summer, 1900; Winter and Spring, 1905; Ph. D., *ibid.*, 1905; Associate in Physics, Bradley Institute, 1898-1900; Instructor, *ibid.*, 1900-1903.

WALES HARRISON PACKARD, Ph.D., *Assistant Professor of Biology.*

S. B., Olivet College, 1894; Fellow in Zoology, University of Chicago, 1895-8; Ph.D., *ibid.*, 1908; Instructor in Zoology, Marine Biological Laboratory, Woods Holl, Mass., Summers 1895-99; Research Work, *ibid.*, Summers 1905-7; Instructor in Physiology, University of Chicago, Summer, 1903; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-1904.

GEORGE CROMWELL ASHMAN, Ph.D., *Assistant Professor of Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, *ibid.*, 1895-6; Teacher Physics and Chemistry, Frankfort, Ind., High School, 1896-1901; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901; Graduate Student, University of Chicago, Summers, 1897-1900; M. S., *ibid.*, 1905; Fellow in Chemistry, *ibid.*, 1907-8; Ph. D., *ibid.*, 1908; Associate in Chemistry, Bradley Institute, 1901-3; Instructor, *ibid.*, 1903-5.

MARGARET McLAUGHLIN, A. M., *Assistant Professor of English.*

Student, National Normal, Lebanon, Ohio, 1888-1892; A. B., *ibid.*, 1890; L. L. B., by examination before committee of Supreme Court of Ohio, 1892; Instructor in English, National Normal, Lebanon, Ohio, 1896-1901; Lewisville Academy, Lewisville, Texas, 1901-2; Graduate Student, Yale University, 1902-4; University of Chicago, 1904-5; A. M., *ibid.*, 1905.

HELEN MARION DAY, B. S., *Instructor in Domestic Science.*

Diploma for teaching Domestic Science, Teachers College, 1903; B. S., Columbia University, 1907; Assistant in Domestic Science, Teachers College, Columbia University, 1903-6; Instructor and Lecturer in Domestic Science, Department of Extension Teaching, Teachers College, 1906-7; Instructor in Domestic Science, Lyndhurst Industrial School, Summers, 1903-1904; Instructor in School of Domestic Science, Chautauqua, N. Y., Summers, 1907-1908.

CLINTON SHELDON VANDEUSEN, M.E., *Instructor in Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-98; Associate in Manual Arts, Bradley Institute, 1898-1904.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy.*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, Ohio, Worthington Hydraulic Works, New York, and Pittsburg Locomotive Works, Pittsburg, Pa.; for six years Mechanician, Department of Experimental Engineering, Cornell University; Assistant in Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1902-4.

MARY BATES BLOSSOM,* Ph.B., *Instructor in German and French.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Student, University of Chicago, Summers, 1903-4, 1907; Student, Guilde Internationale and Sorbonne, Paris, 1905-6; Student, University of Chicago, 1908-9; Ph. B., *ibid.*, 1909.

DOROTHY DUNCAN, A.B., *Instructor in German.*

A. B., University of Chicago, 1904; Student at the University of Berlin, 1904-5.

ADELAIDE MICKEL, *Instructor in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student, Harvard University, Summer, 1902.

*On leave of absence.

FREDERICK HUSTON EVANS, M.E., *Instructor in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4; with Link Belt Machinery Co., Chicago, Summer, 1905; M. E., State College of Kentucky, 1906; Draftsman on Union Stock Yards Power Plant for Sargent & Lundy, Chicago, Summer, 1906.

BERTHA MAY SCULLIN, A.B., *Assistant in Domestic Economy.*

Student Assistant in Domestic Economy, Bradley Institute, 1902-3; Graduate, *ibid.*, 1903; A. B., University of Chicago, 1906.

JOSEPH STITT BIKLE, A. M., *Assistant in Mathematics.*

A. B., Columbia University, 1903; A. M., *ibid.*, 1904; Teacher High School, Hagerstown, Md., 1904-5; New Brighton, Pa., 1905-6; Altoona, Pa., 1906-7.

FRANK L. CRERIE,* *Assistant in Drawing.*

Graduate Massachusetts Normal Art School, 1905; Student under Philip Hale, Art Museum, Worcester, Mass., 1897-9, 1901-4; Graduate Boston Evening Drawing School; Student under Laurin Martin in Arts and Crafts Work, 1904-5; Teacher Boston Public Schools, 1905; Illustrator for Richards Publishing Co., Boston, Mass., 1906.

BERTHA REED, A.M., *Assistant in German.*

Ph. B., De Pauw University, 1898; A. M., *ibid.*, 1900; Instructor in Latin and German and Dean of Women, Grand Prairie Seminary, Onarga, 1898-1900; Instructor in German, High School, Decatur, 1900-2, 1905-6; Graduate Student in German and English, University of Berlin, 1902-3; University of Zurich 1903-4; Research Work in British Museum, Summer, 1903; Instructor in German, Girls' Latin School, Baltimore, 1904-5; Fellow in Teutonic Philology, Bryn Mawr College, 1906-7.

MELVIN DEFORD RENKENBERGER, A.B., *Assistant in Biology and Physics.*

A. B., Wabash College, 1906; Teacher Public Schools, Noble Co., Ind., 1895-8; Principal Township High School, La Otto, Ind., 1898-1903.

MARTHA SHOPBELL, B.S., *Assistant in Domestic Economy.*

B. S., University of Wisconsin, 1899; Teacher in Wisconsin High Schools, 1899-1902; Student, Pratt Institute, 1902-4; Graduate, Normal Domestic Science Course, *ibid.*, 1904; Teacher, New York City Vacation Schools, 1903-4; Student, Boston Cooking School, Summer, 1907.

KATHERINE FEDORA WALTERS, A.B., *Assistant in Latin.*

M. D., Iowa State Normal School, 1904; A. B., University of Michigan, 1906; Teacher High School, Grand Junction, Iowa, 1898-9; Principal High School, Eldora, Iowa, 1899-1900; Teacher, Keokuk, Iowa, 1900-1; Cedar Falls, Iowa, 1901-4.

FOREST ALMOS FORAKER, M.S., *Assistant in Mathematics.*

B. S., Ohio Northern University, 1903; M. S., *ibid.*, 1905; Instructor in Mathematics, Fairmount Academy, 1903-8; Graduate Student in Mathematics, University of Chicago, Summer, 1907.

EDWIN FRANCIS GEORGE, A.B., *Assistant in English.*

A. B., Northwestern College, 1908; Teacher in Public Schools, Findlay, Ohio, 1901-4.

HARRIET KEMP, A.B., *Assistant in German and Latin.*

A. B., Baker University, 1901; Assistant in Modern Languages, *ibid.*, 1898-1901; Teacher Clay County High School, 1901-5; Student at Northwestern University, Summer, 1905; Teacher High School, Junction City, Kan., 1905-6; Teacher in Willard School for Girls, Berlin, Germany, 1906-8; Student at the University of Berlin, 1906-8.

JOHN OSCAR LOEBERG, A.B., *Assistant in Latin and Greek.*

A. B., John B. Stetson University, 1905; A. B., University of Chicago, Summer, 1905; Assistant in Latin, J. B. Stetson University, 1903-5; Principal of High School, Sleepy-Eye, Minn., 1905-7; Graduate Student in Greek and Latin, University of Chicago, 1907-8; Summers, 1906-8.

GRACE EATON HAUKE, *Librarian and Assistant in English.*

Student Assistant in English, Bradley Institute, 1906-7; Graduate, *ibid.*, 1907; Student, Iowa Library School, Summer, 1907; Student, University of Chicago, Summer, 1908.

DEWEY ALSDORF SEELEY, B.S., *Lecturer in Meteorology.*

B. S., Michigan Agricultural College, 1898; Assistant Observer, U. S. Weather Bureau, Lansing, Mich., 1898; Albany, N. Y., 1898-9; Philadelphia, Pa., 1899-1900; Chicago, Ill., 1900-3, and First Assistant, Chicago, Ill., 1903-5; Observer U. S. Weather Bureau, Peoria, Ill., 1905.

*Resigned.

MAUDE R. FAIRBANKS,* *Assistant in Drawing.*

Graduate of Normal Department of Art Institute, Chicago; Student, Iowa College, 1902-4.

MAY A. BLODGETT,* *Assistant in Mathematics.*

Student, Teachers College, 1893-4, 1896-7; Bradley Institute, 1897-8; University of Minnesota, Summer, 1898, 1905-6, 1907-8; Instructor in Mathematics, Cleveland High School, St. Paul, Minn., 1899-1905.

*Spring Quarter.

The following appointments have been made, work to begin September, 1909:

FRED C. BROWN, of Cleveland, Ohio, will have charge of *Physical Training for Young Men.*

Student, Hiram College, four years; three years a Student of the Chicago Y. M. C. A. Training School; three Summers a Student and Instructor at Lake Geneva; one year Assistant Physical Director Central Y. M. C. A., Chicago; two years Director of Physical Training at Hiram College, Ohio; for the past two years Physical Director at the West High School, and Assistant Supervisor in Grammar Schools, Cleveland, O.

EDITH M. STIMSON, A.B., of Oberlin, Ohio, will have charge of *Physical Training for Young Women.*

Graduate of Oberlin College; Teacher of Physical Training, Oberlin Public Schools, in Oberlin College, and Pittsburg Playground Association.

STUDENT ASSISTANTS

ENGLISH

CHARLES A. ATWOOD

CLEDA M. KEAS

VIVIAN BONIFACE

ELLEN A. MUIR

MANUAL ARTS

JOSEPH F. BAILEY

A. LOUISE GIBSON

ROBERT CRAIG

RANDOLPH H. HICKEN

HARLEY L. CLARKE

GEORGE E. HUTTER

GLENN M. EBAUGH

DALE W. NICOLEN

HAROLD E. EVERLEY

G. GORDON KELLAR

PHYSICS

EDWARD A. CUSHING

JOHN P. MINTON

WILLIAM H. HUDSON

LESTER R. MASON

CHEMISTRY

MERRILL I. SCHNEBLY

GERTRUDE L. PATTERSON

OTHER OFFICERS

J. L. CADWALLADER, *Cashier.*

MABEL P. FAVRE, *Stenographer.*

S. D. LYMAN, *Superintendent of Buildings and Grounds.*

HOMER M. BOTTS, *Engineer.*



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

ADMISSION

Entrance.—Graduates of the eighth grade of the Peoria public schools, of the graded schools of Peoria County, and such other grammar schools as the Institute may approve, will be admitted to the first year of the Lower Academy without examination. Such students should present a diploma or certificate of graduation.

Admission to Advanced Standing.—Graduates and students who have done work in high schools, academies or colleges, will be admitted on presentation of a certificate of the kind, amount and grade of work completed by the applicant, together with the titles of text-books used and time spent upon each subject. A blank form for this statement will be furnished to school officials and prospective students upon application to the Director. Upon the basis of this statement, the student will be assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, the credits from his former school will be accepted in so far as they cover the work of the Institute.

Admission of Unclassified Students.—Students of mature age who for sufficient reasons do not wish to pursue a regular course, may be admitted without examination or certificate. They are known as unclassified students.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.

CURRICULUM

THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Trade or Technical Work. (2) Advanced Study in a College, University, or School of Engineering. (3) Professional Study in Law or Medicine. (4) Teaching Manual Training or Domestic Science, or Drawing and Manual Training.

Divisions: The six years of study are divided into three two-year periods, as follows:

The Lower Academy (First and Second years).

The Higher Academy (Third and Fourth years).

The College (Fifth and Sixth years).

1.—*LOWER ACADEMY, corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is nearly the same in all groups.

2.—*HIGHER ACADEMY, corresponding to the last two years of a High School Course.* When the student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—*COLLEGE, corresponding (according to the group) to the Freshman and Sophomore years in a College, University or Engineering School.* In the college the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading colleges and universities, such as Vassar, Wellesley, Smith, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mt. Holyoke, Cornell, Wisconsin, Michigan, Chicago and other institutions of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group, where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. SCIENCE GROUP, which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. ENGINEERING GROUP, which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. CLASSICS GROUP, which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. LITERATURE GROUP, which is especially strong in Modern Languages and Latin. It prepares students for the third year of college courses leading to the degree of Ph. B. or B. L.

5. MECHANIC ARTS GROUP, which is designed to meet the demand for training that fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. Owing to the fact that this group is specialized from the beginning, applicants for admission to it may be required to present the written permission of their parents. When desired, this line of work may be continued under direction of the Faculty two years longer, thus making it a six-year group.

TEACHERS' COURSES IN MANUAL TRAINING
AND DOMESTIC ECONOMY

I. A COURSE PREPARATORY TO TEACHING MANUAL TRAINING.

Requirements for admission:

Four years of Approved Academic Work.

This Academic work should include English, Mathematics, Foreign Language, Science and History, and, if possible, the elements of freehand and mechanical drawing and woodworking.

A certificate will be given those who present these requirements and also complete the following:

1. Freehand Drawing 12 (*Two Majors*).*
2. Mechanical Drawing 14 (*One Major*).
3. Framing and Woodturning 5, or Woodworking 1 (*One Major*).
4. Pattern-Making 6 (*One Major*).
5. Cabinet-Making 7 (*One Major*).
6. Metalworking 38 (*Three Majors*).
7. English (*Three Majors*).
8. History of Manual Training 35 (*One Major*).
9. Teaching Manual Training 36 (*One Major*).
10. Organization of Manual Training 34 (*One Major*).
11. Design 20 (*Two Majors*).
12. Elementary Handwork 33 (*One Major*).
13. Woodworking 31 (*Three Majors*).
14. Drawing 32 (*Three Majors*).

Students who have taken courses equivalent to any of the above before entering the Institute, will be given due credit.

This group is especially well suited to those who have already proven their ability to teach other subjects and are now desirous of fitting themselves to teach Manual Training. To those already engaged in teaching this subject it offers new points of view and advanced study. Many students will find it advantageous to spend three years in this course instead of two. This will enable them to broaden their preparation for teaching by adding several elective courses not named above, and in some cases it will be possible to secure both the Manual Training certificate and a diploma of the Institute. Courses taken in the Summer School (see summer circular) may be counted toward a certificate, and in exceptional cases, the certificate may be given for summer work only. Every application will be considered upon its merits.

PROGRAM OF STUDIES

MANUAL TRAINING	FIRST YEAR		
	FALL	WINTER	SPRING
	Woodworking 1 or Framing 5 Metalworking 38 Mechanical Drawing 14 English	Pattern Making 6 Metalworking 38 Freehand Drawing 12 English	Cabinet Making 7 Metalworking 38 Freehand Drawing 12 English
MANUAL TRAINING	SECOND YEAR		
	FALL	WINTER	SPRING
	History of Manual Training 35 Design 20 Woodworking 31 Drawing 32	Teaching Manual Training 36 Design 20 Woodworking 31 Drawing 32	Organization of Manual Training 34 Elementary Handwork 33 Woodworking 31 Drawing 32

*A major means twelve weeks' work with five recitations a week. The numbers after courses refer to the department statements.

II. A COURSE PREPARATORY TO TEACHING ART AND MANUAL TRAINING IN ELEMENTARY SCHOOLS.

Requirements for admission:

Four years of Approved Academic Work.

This Academic work should include English, Mathematics, Foreign Language, Science and History, and, if possible, the elements of Freehand and Mechanical Drawing.

A certificate will be given those who present these requirements and also complete the following:

1. Freehand Drawing 12 (*Two Majors*).
2. Mechanical Drawing 14 (*One Major*).
3. Woodworking 1 (*Two Majors*).
4. Sewing 7 (*Two Majors*).
5. English (*Three Majors*).
6. Dressmaking 8 (*One Major*).
7. Textiles 13 (*One Major*).
8. History of Manual Training 35 (*One Major*).
9. Teaching Manual Training 36 (*One Major*).
10. Organization of Manual Training 34 (*One Major*).
11. Design 20 (*Two Majors*).
12. Elementary Handwork 33 (*One Major*).
13. Elementary Art 37 (*Three Majors*).
14. Drawing 32 (*Three Majors*).

This course is especially suited to young women who have already been successful in teaching other subjects and are now desirous of fitting themselves to teach or supervise the art and elementary handwork, including the sewing, of the elementary schools.

PROGRAM OF STUDIES

MANUAL TRAINING	FIRST YEAR		
	FALL	WINTER	SPRING
	Drawing 14 Sewing 7 Woodworking 1 English	Drawing 12 Sewing 7 Woodworking 1 English	Drawing 12 Dressmaking 8 Textiles 13 English
	SECOND YEAR		
	FALL	WINTER	SPRING
	History of Manual Training 35 Design 20 Elementary Art 37 Drawing 32	Teaching Manual Training 36 Design 20 Elementary Art 37 Drawing 32	Organization of Manual Training 34 Elementary Handwork 33 Elementary Art 37 Drawing 32

III. A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four Years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong labora-

tory courses in each, and if possible Drawing, should be included in the high school course. Any high school subjects which are lacking may be taken at the Institute. This, of course, would mean that a longer time would be needed to complete the work required for a certificate. College graduates who have had some technical training may complete the course in one year.

A certificate is granted to all who present the requirements for admission and complete the following:

1. Plain Sewing 7 (*Two Majors*).
2. Dressmaking 8 (*One Major*).
3. Cooking 9 (*Three Majors*).
4. Food and Dietetics 5, 6 (*Two Majors*).
5. Foods 15 (*One Major*).
6. Home Nursing 12 (*One Major*).
7. Chemistry, Chemistry of Foods, Chemistry 2, 3 (*Three Majors*).
8. Human Physiology, Biology 4 (*Two Majors*).
9. Bacteriology, Biology 5 (*One Major*).
10. Design, Manual Arts 20 (*One Major*).
11. House Construction, Sanitation, Decoration 10 (*One Major*).
12. Household Administration 11 (*One Major*).
13. Textiles 13 (*One Major*).
14. Teaching of Domestic Economy 14 (*One Major*).

(The numbers after the courses are those of Department Statements)

Those who present four years of Academic work including Physics and Chemistry should be able to secure the certificate in two years. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the certificate in a shorter time.

Those who have completed the Science, Literature or Classics Groups at the Institute may secure the certificate by one year's additional work.

PROGRAM OF STUDIES

DOMESTIC ECONOMY	FIRST YEAR		
	Plain Sewing 7 Cooking 9 Chemistry 1 or 2 Home Nursing 12 Elective	Plain Sewing 7 Cooking 9 Chemistry 1 or 2 Elective	Dressmaking 8 Cooking 9 Chemistry 1 or 2 Textiles 13 Elective
	SECOND YEAR		
	Food and Dietetics 5 Design 20 Sewing 16 Bacteriology 5	Food and Dietetics 6 House Construction, Sanitation, Decoration 10 Teaching Domestic Economy 14 Biology 4	Foods 15 Household Administration 11 Sewing and Embroidery 16 Chemistry 3 or Biology 4

PROGRAM OF STUDIES BY QUARTERS

Note.—Some studies are followed by the course number used in the department statements, pages 21-42; e. g., English 5 is described on page 27 and Biology on page 21, etc. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS*

FIRST YEAR		
AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
Latin	Latin	Latin
English	English	Botany
Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing.	Woodworking or Sewing, and Drawing
Physical Training	Physical Training	Physical Training

SECOND YEAR		
AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
Latin ²	Latin	Latin
English ³	English ³	English
Zoology ⁴	Zoology ⁵	Metalworking or Sewing, and Drawing
Metalworking or Sewing, and Drawing	Metalworking or Sewing, and Drawing	Physical Training
Physical Training	Physical Training	

MECHANIC ARTS GROUP*

FIRST YEAR		
AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
English	English	Botany
Drawing	Drawing	Drawing
Woodworking	Woodworking	Woodworking
Metalworking	Metalworking	Metalworking

SECOND YEAR		
AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
English ³	English ³	English
Zoology	Zoology ⁵	Civics
Mechanical Drawing	Architectural Drawing	Forging
Framing, Pattern-Making	Pattern-Making and Foundry	

* Statements about these groups may be found on page 11.

1 Four recitations a week in Fall Quarter.

2 Students intending to enter the Engineering Group may take German in place of Latin.

3 One recitation a week, Fall and Winter Quarters.

4 Those requiring three years German for college entrance may substitute beginning German for Zoology.

5 One hour taken out for English in Winter Quarter.

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)*

	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics 1 Modern Language or Vergil History of Greece Drawing 12	Physics 1 Modern Language or Vergil English 3 Drawing 12	Physics 1 Modern Language or Vergil English 4 Solid Geometry	Chemistry 1 Modern Language Algebra 4 Shop or Cooking	Chemistry 1 Modern Language or Cicero English 5 Shop or Cooking	Chemistry 1 Modern Language or Cicero History of Rome Shop or Cooking
Engineering	Physics 1 Modern Language English 3 Drawing 12	Physics 1 Modern Language Solid Geometry History of Greece	Physics 1 Modern Language English 4 History of Rome	Chemistry 1 Modern Language Algebra 4 Shop	Chemistry 1 Modern Language English 5 Shop	Chemistry 1 Modern Language Trigonometry Shop
Classics	Vergil Greek 1 Physics 1 History of Greece	Vergil Greek 1 Physics 1 Solid Geometry	Vergil Greek 1 Physics 1 English 3	English 4 Xenophon Algebra 4 Shop or Cooking	Cicero Xenophon English 5 Shop or Cooking	Cicero Homer History of Rome Shop or Cooking
Literature	Vergil Modern Language Physics 1 History of Greece	Vergil Modern Language Physics 1 Solid Geometry	Vergil Modern Language Physics 1 English 3	English 4 Modern Language Algebra 4 Shop or Cooking	Cicero Modern Language English 5 Shop or Cooking	Cicero Modern Language History of Rome Shop or Cooking
Mechanic Arts	Algebra 4 Physics 1 Drawing 12 Shop 26	Solid Geometry Physics 1 Drawing 12 Shop 26	Trigonometry Physics 1 Lettering Shop 26	Steam and Electricity Chemistry 1 Machine Construction Drawing 16	Steam and Electricity Chemistry 1 English 3 Drawing 16	Steam and Electricity Chemistry 1 English 4 Drawing 16

*Physical Training will be required as the Faculty may determine.

PROGRAM BY QUARTERS—CONTINUED

COLLEGE (BY GROUPS)†

FIFTH YEAR			SIXTH YEAR			
AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING	
Modern Language Biology 3 or Chemistry 2 or Physics 2 Trigonometry Drawing or Domestic Economy	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Domestic Economy	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Domestic Economy	Mathematics 7 Bacteriology English 6 Medieval History	Mathematics 7 Physiology English 7 Modern History	Mathematics 7 Physiology English 8 Constitutional History	Science
Mathematics 7 Modern Language English 6 Mechanical Drawing	Mathematics 7 Modern Language English 7 Descriptive Geometry	Mathematics 7 Modern Language Surveying Descriptive Geometry	Physics 3 Mathematics 8 Shop Drawing 16 Medieval History* Economic History**	Physics 3 Mathematics 8 Shop Drawing 16 Modern History Economic History	Physics 3 Mathematics 8 Shop, Drawing 16 Analytic Mechanics Economic History	Engineering
Modern Language Plato Biology 3 or Chemistry 1 Medieval History	Modern Language Homer Biology 3 or Chemistry 1 Modern History	Modern Language Sophocles Biology 3 or Chemistry 1 Constitutional History	English 6 Cicero Modern Language Drawing or Domestic Economy	English 7 Livy Modern Language Drawing or Domestic Economy	Trigonometry*** Horace Modern Language Drawing or Domestic Economy	Classics
Modern Language Cicero Biology 3 or Chemistry 1	Modern Language Livy Biology 3 or Chemistry 1	Modern Language Horace Biology 3 or Chemistry 1	English 6 Medieval History German 4 Drawing or Domestic Economy	English 7 Modern History German 4 Drawing or Domestic Economy	English 8 Constitutional History Trigonometry*** Domestic Economy	Literature

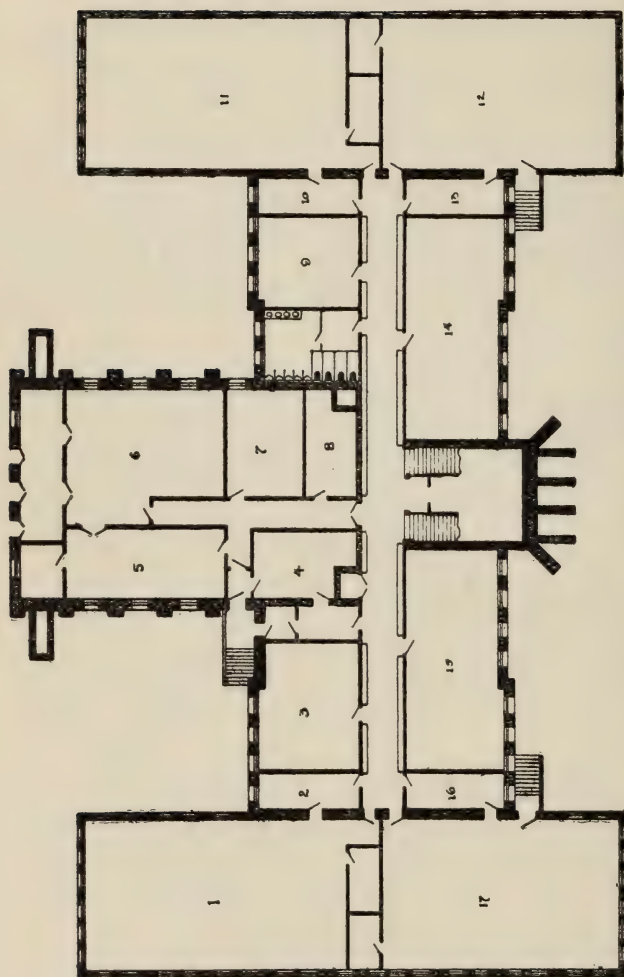
†Physical Training will be required as the Faculty may determine.

The program of Studies for the Teachers' Courses in Manual Training and Domestic Economy may be found on pages 11-14.

*Those whose plans for future study render it desirable may take Chemistry 2 in place of History (Three Majors).

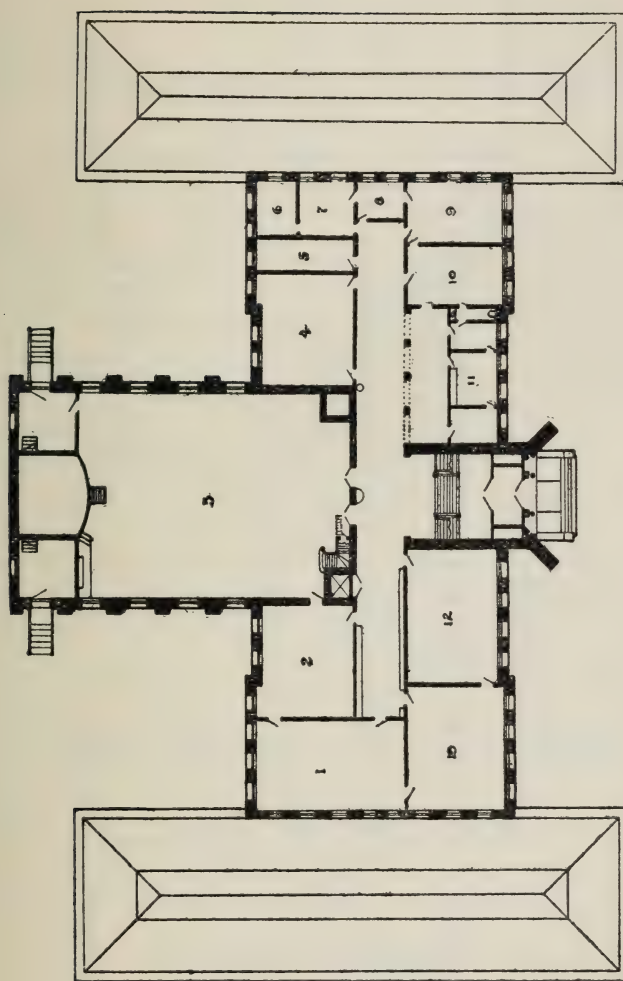
**Two hours per week, one hour being taken from Physics and one from Mathematics 8.

***In place of Trigonometry Classics students may take English 8 and Literature students continue German 4.



BASEMENT PLAN

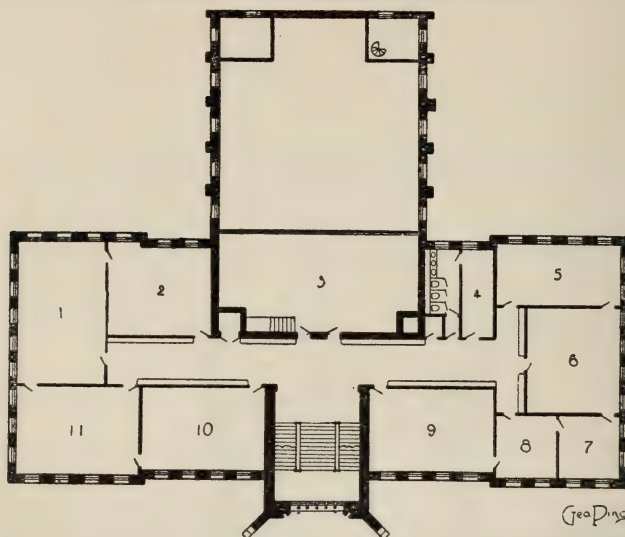
- | | | | |
|----|------------------------|----|----------------------|
| 1 | Pattern Shop | 12 | Metalworking Room |
| 2 | Supt. of Buildings | 13 | Chemical Store Room |
| 3 | Physics Lecture Room | 14 | Chemistry Laboratory |
| 4 | Store Room | 15 | Physics Laboratory |
| 5 | Engine Room | 16 | Wash Room |
| 6 | Boiler Room | 17 | Woodworking Room |
| 7 | Lumber Room | | |
| 8 | Kiln Room | | |
| 9 | Chemistry Lecture Room | | |
| 10 | Wash Room | | |
| 11 | Machine Shop | | |



FIRST FLOOR

- | | | | |
|---|-------------------------------|----|-------------------|
| 1 | History | 10 | Reception Room |
| 2 | Library | 11 | General Office |
| 3 | Chapel | 12 | Latin and History |
| 4 | English | 13 | Latin and History |
| 5 | Book Room | | |
| 6 | Office, Dean of Lower Academy | | |
| 8 | Office of the Recorder | | |
| 9 | Office of the Director | | |

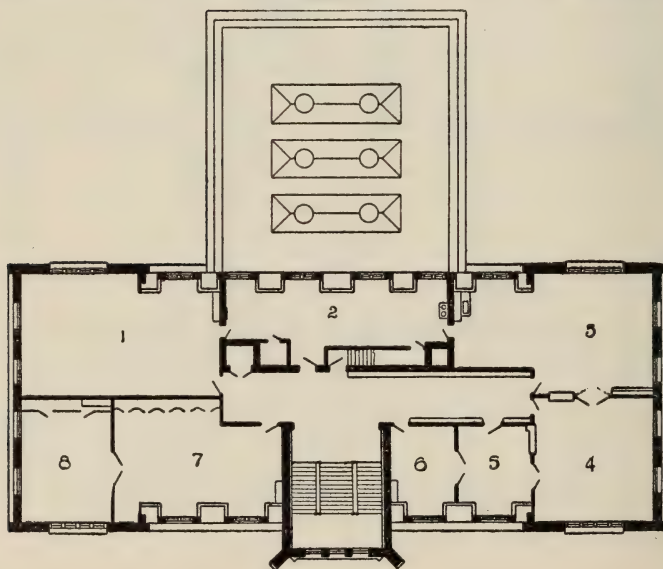
BRADLEY POLYTECHNIC INSTITUTE



Geo. Dwyer 1902

SECOND FLOOR

- | | | |
|---------------------|---------------------------|----------------|
| 1 Biology | 5 French and Mathematics | 8 Waiting Room |
| 2 Mathematics | 6 Greek | 9 German |
| 3 Gallery of Chapel | 7 Office of Dean of Women | 10 Mathematics |
| | 11 Museum | |



THIRD FLOOR

- | | | |
|----------------------|-------------------|--------------------|
| 1 Lunch Room | 4 Lecture Room | 6 Office, Domestic |
| 2 Kitchen | 5 Practice Dining | Economy |
| 3 Cooking Laboratory | Room | 7-8 Sewing |

DEPARTMENTS

BIOLOGY

THIS Department aims to present, in so far as limited time permits, both the practical and the important theoretical sides of Biology. It makes especial effort to give good training to students preparing to enter the study of medicine.

The laboratories are equipped with dissecting and compound microscopes, microtomes, glassware, aquaria and other instruments and supplies needed for Biological work. For the Physiological and Bacteriological work in the College, there are duplicate sets of the Harvard physiological apparatus, kymographs, a spring myograph, Mosso's ergograph, electric centrifuge, considerable apparatus for the study of circulation and respiration, apparatus for the study of the blood and urine, a Reichert polariscope for the study of sugar, steam and hot air sterilizers, incubator, models of the eye, ear, etc., and a full line of supports and re-agents. For Zoology there is a good collection of Leuchart's charts, prepared skeletons of the representative groups and a considerable collection of demonstration material, including a collection of shells and corals presented to the Institute by several gentlemen of Peoria, a collection of insects from the University of Illinois, and all mounted birds, mammals and other biological collections of the Peoria Scientific Association. For botany, the laboratory has a herbarium presented by Miss Heading, of Peoria, and all other demonstration material and apparatus needed for the course given. The laboratory also has an electric stereopticon with microscopic attachment and a growing collection of slides.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the more representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made. A Biological club has been formed. It has been studying the general topic of evolution during the Fall and Winter. In the Spring it takes up the study of birds, their migrations, nesting, habits, etc.

An Agricultural Club has also been organized. During the year it has been considering the subject of the soil.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological experiments per-

formed by the students. The compound microscope is used for demonstration, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observations and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week.

COLLEGE

3. *General Biology (Three Majors)*. This course is designed primarily for students who are preparing for medicine, but it is open also to other students. Typical forms of animals and plants studied with reference to their anatomy and physiology, the design of the course being a study of their structure and function, rather than their systematic position. It is aimed to give the student a broad conception of the general principles of Biology including a discussion of such problems as heredity, variation and adaptation. The concluding lectures deal with the theory of organic evolution. Introductory work with the compound microscope, including the technic of slide preparation. Lectures and laboratory, ten hours a week.

4. *Human Physiology (Two Majors)*. The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general student as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science.

Lectures and laboratory, ten hours a week. Prerequisite, Elementary Chemistry.

5. *Bacteriology (One Major)*. The general methods of Bacteriology with sanitary and industrial applications. The general biology of bacteria and cultivation and systematic study of the common non-pathogenic and a few pathogenic organisms and their effects. Hygienic aspects of Bacteriology, testing of disinfectants, bacteriological examination of water, air, soil, milk, etc. Discussion of the problems of Water Supply and Public Health. Lectures and laboratory, ten hours a week.

CHEMISTRY

The aim of this department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in everyday life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to enable the student to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The laboratory has also complete equipment for electrolytic analysis, analysis of water, gas analysis, analysis of iron and steel, and assaying.

HIGHER ACADEMY AND COLLEGE

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements, compounds of oxygen, hydrogen, water, chlorine, hydrochloric acid, atomic theory, nitrogen and ammonia. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of the non-metallic elements, the halogens, sulphur and nitrogen groups, valence, solution and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be able to identify any simple salt, and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week. Prerequisite, Physics I, or its equivalent.

COLLEGE

2. *Advanced General Chemistry and Qualitative Analysis (Two Majors)*.

(a) The lectures and recitations on advanced general chemistry deal with the subject as presented in Ostwald's *Principles of Inorganic Chemistry*;

study of the theory of solution, electrolytic dissociation, hydrolytic dissociation, mass action and chemical equilibrium, three hours a week. In the laboratory, reactions of basic and acid ions, analysis of mixtures, seven hours a week.

(b) Same as (a); Analysis of complex mixtures, ores, and compounds of rare elements. Lectures and laboratory, ten hours a week.

(c) *Organic Chemistry and Elementary Quantitative Analysis (One Major)*, Organic Chemistry, aliphatic series, three hours a week. Analytical chemistry, methods in gravimetric, volumetric and electrolytic determinations, seven hours a week. Prerequisite, Chemistry 1.

3. *Chemistry of Foods (One Major)*. Organic Chemistry, three hours a week. Lectures and laboratory work in the examination and testing of food materials, seven hours a week. Prerequisite, Chemistry 2, (a) and (b).

4. *Special Methods in Advanced Analysis (Three Majors)*. Analysis of ores, water analysis, proximate food analysis, analysis of iron and steel, electrolytic methods. Prerequisite, Chemistry 1 and 2.

DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz.:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in Domestic Economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of Domestic Economy:

LOWER ACADEMY

1. *Sewing (Two Majors)*. A full course in hand sewing, consisting of basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing of garments.

4. *Cooking (Three Majors)*. This course takes up in a general way the various household processes, with special emphasis on the selection, preparation and serving of food. Lectures, recitations and laboratory work.

5. *Food and Dietetics (One Major)*. A critical study of food materials from a chemical, physiological and economic standpoint. The food requirements of the body under varying conditions are considered, and dietaries made. Lectures, recitations and written work.

6. *Food and Dietetics (One Major)*. The application of the preceding course to actual problems—making menus, marketing, preparation and serving of meals. Special methods of working out dietaries. Lectures and laboratory work. Prerequisite, Domestic Economy 5 and 9.

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of undergarments, a shirtwaist and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. The application of heat to food materials. Laboratory work in cooking in large and small quantities.

Prerequisite, Chemistry.

10. *House Construction, Sanitation and Decoration (One Major)*. A study of the home. The course includes (a) lectures on planning with reference to convenience, cost, site, cellar, foundations, materials, framing, finish, plumbing, heating, lighting, furnishing, decoration; (b) planning a house to meet given conditions; (c) making set of working drawings, including floor plans, elevations, details, and color studies of interior.

Prerequisite, Manual Arts 20.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, domestic service, care of the house, including the various cleaning processes. Lectures, recitations, assigned readings and practical work.

Prerequisite, Domestic Economy 6 and 10.

12. *Home Nursing, Emergencies and Invalid Cookery (One Major)*. What to do in cases of emergencies, as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The development of spinning and weaving and modern processes of manufacturing. The laboratory work includes weaving, dyeing, laundering and basketry. Lectures, reading and laboratory work.

14. *Teaching of Domestic Economy (One Major)*. Application of the general principles of teaching to the teaching of the various branches of Domestic Economy in elementary and high schools. Correlation with other studies in the curriculum. History of the development of the domestic economy movement in the United States. Planning courses of study and equipment for specific schools. Practice teaching.

15. *Advanced Course in Cooking (One Major)*. This course is intended (a) to give additional practice in cooking, especially in large quantities; (b) practice in demonstrations; (c) practice in applying school-room methods in cooking.

Prerequisite 9, 5 and 14.

16. *Sewing (Two Majors)*. This course is designed for normal students who enter without credit in sewing, and others who need work to supplement sewing 7 and 8. It will include in the Spring Term a study of stitches used in decorative art, with application to wearing apparel and household articles.

ENGLISH

The work of the Department of English has four general aims: 1. Power to speak and write well. 2. An intelligent love of good literature. 3. A knowledge of the laws which govern expression of thought by words. 4. Familiarity with the chief facts of the history of the English language and literature.

To accomplish the first of these ends, effort is made to improve the every-day spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and to avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the history of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

1. (a) *Study of Literature*: "Kidnapped," or "Treasure Island."

Composition: Short Narrations and Descriptions; special attention to spelling, punctuation and sentence structure.

- (b) *Study of Literature*: "The Lady of the Lake;" "Last of the Mohicans;" "Julius Caesar."

Composition: Same as course (a) Weekly Themes (*Two Majors*).

2. (a) *Study of Literature*: "The Merchant of Venice;" "The Ancient Mariner;" "The Vision of Sir Launfal."

(b) *Composition*: More advanced work along same line as in Course 1 (b), with additional attention to correct and effective use of words, review of fundamental principles. Weekly Themes (*One Major*).

Prerequisite, Course 1.

In addition to Course 2, second-year students take English one hour per week for two quarters. This consists of Irving's "Oliver Goldsmith," Eliot's "Silas Marner."

HIGHER ACADEMY

3. (a) *Study of Literature*: "Macbeth," "Idylls of the King," "Ivanhoe."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly (*One Major*).

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration, with introductory study and practice in exposition; themes twice a week. Study of "Speech on Conciliation with America," selections from Sir Roger de Coverly Papers, and Macaulay's Essays on Johnson and Addison, with special attention, in connection with the theme work, to rhetorical elements (*One Major*).

Prerequisite, Course 3.

5. *Study of Literature* (*One Major*). "The Tempest," "L'Allegro," and "Il Penseroso;" "Paradise Lost," Books I and II; Macaulay's Essays on

Milton, selected poems of Burns; Carlyle's "Essay on Burns;" "The Princess;" "Silas Marner." Special attention is given in the history of literature to the periods of Shakespeare and Milton.

Prerequisite, Course 3.

COLLEGE.

6. *Rhetoric and Composition (One Major)*. A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition and argument. Themes required weekly.

Prerequisites, Courses 4 and 5.

7. *English Literature (One Major)*. Introductory study of the history of the English language and literature, with accompanying study of selected poetry and prose.

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition (One Major)*. Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style.

GERMAN AND FRENCH

I. GERMAN

The aim of Courses 1 and 2 is the acquisition of a large vocabulary and of such knowledge of the structure of the language as will enable the student to translate at sight German of moderate difficulty. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode, and the simpler idioms. Frequent practice in conversation and in translation from English into German familiarizes the pupil with ordinary colloquial German. Courses 3 and 4 extend the student's acquaintance with the best modern German prose, as well as with the literary movements of the eighteenth century. Course 2 (b) is especially adapted to those who desire facility in translating prose, so that they may refer directly to the works of modern German scientists.

HIGHER ACADEMY OR COLLEGE

1. *German Grammar*. Leander, *Traumereien*; Storm, *Immensee*. Translation at sight is introduced as early as practicable. (*Three Majors*).

2. Thomas, *Practical German Grammar*, Part 1; Bernhardt, *German Composition*. The texts read are the following or equivalents: Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Heyse, *L'Arrabbiata*; Benedix, *Einer muss heiraten*. Sight translation of simple prose, colloquial practice.

COLLEGE

3. (a) Thomas, *German Grammar*, selections from Part II; Jagemann, *German Syntax, Prose Composition*.

(b) The texts read are the following or equivalents: Rosegger, *Waldheimat*; Freytag, *Karl der Grosse*; Sudermann, *Frau Sorge*; Goethe, *Iphigenie*. Sight translation; reproduction of narrative prose, oral and written; much colloquial practice. (*Three Majors.*)

4. Critical reading of representative works of Lessing, Goethe and Schiller; such as, Goethe, *Hermann and Dorothea* (private reading), *Egmont*, selections from *Dichtung and Wahrheit*; Lessing, *Emelia Galotti*, *Nathan der Weise*; or Schiller, *Maria Stuart*, *Wallenstein*, selections from *Der dreissig-jährige Krieg*. Lyrics and ballads. A careful study of the above authors, together with themes in German on subjects suggested by the course. Colloquial practice. (*Three Majors.*)

II. FRENCH

In the first year of this course, special stress is laid upon the principles of grammar and composition. Reading of easy prose, frequent dictation, memorizing French, and practice in conversation aid the student in understanding both written and spoken French.

In the second year, the study of the grammar is continued, together with more advanced composition. The reading includes some of the works of modern authors, as well as some of the classic dramas of the seventeenth century. Rapid sight-reading, conversational practice, dictation, and memorizing French form an important part of the course.

HIGHER ACADEMY OR COLLEGE

1. Fraser and Squair, *French Grammar*; François and Giroud, *Easy French*; François, *French Composition*, Part 1; Daudet, *La Belle Nivernaise*. (*Three Majors.*)

2. Fraser and Squair, *French Grammar*; Bouvet, *Syntax and Composition*; François, *French Composition*, Part II. The texts read are the following or equivalents: Erckmann-Chatrain, *Le Conscrit de 1813*; Augier, *Le Gendre de M. Poirier*; Malot, *Sans Famille*; Maupassant, *Huit Contes Choisis*; Moliere, *Le Bourgeois Gentilhomme*; Sandeau, *Mille. de la Seglière*; Pailleron, *Le Monde où l'on s'ennuie*. (*Three Majors.*)

HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

2. *Civil Government (One Major)*. An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

HIGHER ACADEMY

3. *Greek History (One Major)*.

4. *Roman History (One Major)*.

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history. Causes leading to the transition to the medieval age.

COLLEGE

5-6. *European History (Two Majors)*. Following a rapid review of the changes during the Teutonic invasion of the Empire, the course traces the development of European history from the reorganization of the Empire by Charles the Great to modern times. Emphasis is laid on the connection between past and present, and on the more important questions and tendencies of today.

Prerequisite, Course 4.

7. *Topics in the Constitutional History of the United States (One Major)*. This course gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Note.—A valuable collection of public documents affords especial facilities for the work of this course.

8. *Economic History of the United States (One Major)*. This course continues throughout the year, two hours a week. It is designed to give the student a better understanding of the economic conditions of modern life, and of how to meet them.

LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; Caesar, *Gallic War*; Eutropius, *Roman History*; Nepos, *Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the College a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin, however, still forms the substantial part of the work. Close attention is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses translation at sight will form a part of the work. Each student will be encouraged to work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons (Three Majors)*.
2. *Caesar and Prose Composition (Three Majors)*.

HIGHER ACADEMY

3. *Vergil (Three Majors)*.
4. *Cicero, Orations; prose Composition (Two Majors)*.

COLLEGE

5. (a) *Cicero, De Senectute; Terence, Phormio (One Major)*.
(b) *Livy, Book I or XXI (One Major)*.
(c) *Horace, Odes (One Major)*.

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

II. GREEK

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Especial attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompanies the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected department library.

HIGHER ACADEMY

1. *Elementary Greek (Two Majors)*. Xenophon, *Anabasis*, Book I; Prose Composition (*One Major*).

2. (a) Xenophon, *Anabasis*, Books II and III, and Book IV, or selections from Xenophon, *Hellenica (Two Majors)*. Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books (*One Major*).

COLLEGE

(a) Plato, *Apology* and *Crito (One Major)*.

(b) Homer, about 12 books of the *Odyssey (One Major)*.

(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alcestis* or *Medea*; Sophocles, *Antigone (One Major)*.

Exercises in writing Greek and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).



COOKING LABORATORY



SEWING ROOM



A CLASS IN LATIN



A CLASS IN GEOMETRY

MANUAL ARTS

This department gives (a) instruction in manual training and drawing to boys of the Lower Academy; (b) instruction in drawing to girls of the Lower Academy; (c) advanced courses in drawing, painting and designing to students in the Higher Academy and College; (d) courses in shopwork, drawing and engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) courses in shopwork and drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who are working toward a degree in engineering; (f) normal training to both men and women who wish to teach manual training and drawing.

In each of the courses offered, especially in the Academy, the aim is not only to give pupils an opportunity to acquire power to work intelligently, but also ability to appreciate what has been done by others. This involves a study of the masterpieces of the past in art and engineering and a study of the best works of the present day. In some form this idea has influence in every course, whether it be freehand drawing, metalworking, cabinet-making, or machine drawing.

LOWER ACADEMY

1. *Woodworking and Drawing (Three Majors)*. This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy.

During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. After the first few pieces pupils are allowed considerable liberty in the choice of the objects they make. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning. During a part of the year weekly illustrated talks are given on forestry, lumbering, kinds of wood, methods of sawing, seasoning and marketing lumber.

In drawing, the elements of mechanical drawing are given, with emphasis at first in the direction of working drawings; later, the theory of projection is taken up, also the study of developments of geometric solids.

2. *Metalworking and Drawing (Three Majors)*. The general plan of this course is similar to Course 1. It is a manual-training course in cold-metal working and is required of boys in the second year of the Lower Academy.

It consists of a large number of processes fundamental in metal-working. Among them are chipping, filing, fitting, polishing, beating, drilling, riveting,

soldering, turning and spinning. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, copper trays and lanterns, tin funnels and dishes, and a great variety of other objects in copper and black iron. During a part of the course, students are encouraged to work from their own designs.

The drawing in this course is largely freehand, including a study of color, and during the first two quarters, is closely related to the shop-work. Designs for many of the shop problems originate in the drawing room. The third quarter is devoted to the principles of perspective and still-life drawing.

A series of illustrated talks on the history of architecture and the decorative arts is given in connection with this course; also a course on the mining of iron ore and the manufacture of steel.

3. *Freehand Drawing (One Major)*. A course in pictorial and decorative drawing required of girls in the first year of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing (One Major)*. This course is required of girls in the second year of the Lower Academy. The first half year is given to mechanical drawing, the second to practical work and design. The latter involves the drawing of ornament, the study of color combinations and the laying on of flat tints with water colors. Students in this course attend the talks on the history of architecture and the decorative arts mentioned under Course 2.

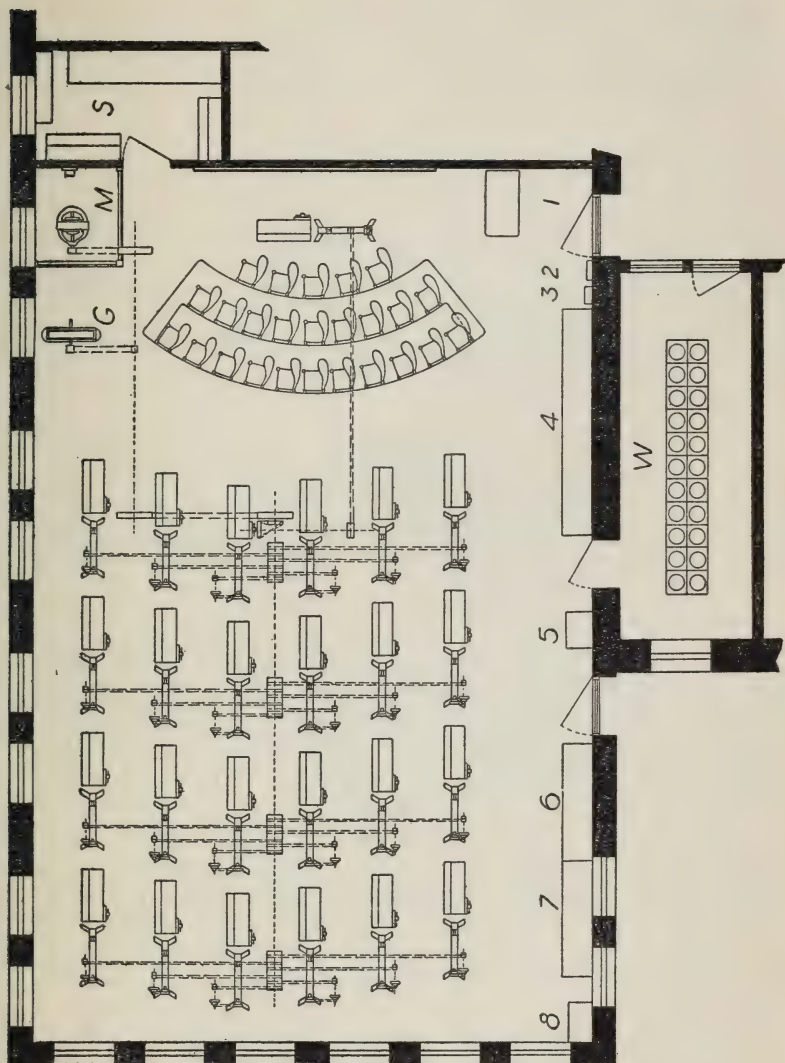
HIGHER ACADEMY

5. *Framing and Wood-turning (One Major)*. A course in house and bridge framing, including the construction of the most important joints. An advanced course in wood-turning is given at the close of the work in framing, preparatory to pattern-making.

Prerequisite, Manual Arts 1.

6. *Pattern-making (Two Majors)*. The first half of this course covers the fundamental principles and processes of pattern-making, together with enough foundry work to demonstrate principles of pattern-making. During the second half, the class makes complete sets of patterns for machines to be constructed by students in the class in machine construction.

Prerequisite, Manual Arts 1 and 5.



WOODWORKING ROOM

- | | | | |
|---|----------------|---|-----------------------------|
| W | Wash Room | 3 | Switch Board |
| S | Storeroom | 4 | Case of Unfinished Work |
| M | Electric Motor | 5 | Case of Carving Tools |
| G | Grindstone | 6 | Bench for Gluing |
| 1 | Teacher's Desk | 7 | Finishing Bench |
| 2 | Key Board | 8 | Case of Finishing Materials |

7. *Cabinet-Making (One Major)*. This course in cabinet-making and wood-finishing may be taken in place of the second half of Course 6. It consists in designing and constructing pieces of wooden furniture, having as their leading characteristics simplicity, stability and pleasing proportions.

Prerequisites, Manual Arts 1 and 5.

* 9. *Foundry Practice (One Major)*.

*10. *Forging (Two Majors)*.

14. *Mechanical Drawing (One Major)*. This course is intended to give a thorough grounding in orthographic projection, developments and intersections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing, Machine Drawing or Descriptive Geometry, which follows:

Prerequisite, Manual Arts 1.

18. *Architectural Drawing (One Major)*. This course consists in making floor plans, elevations and details of summer cottages and suburban houses. The requirements of the modern home are considered from the standpoints of health, convenience and culture, and buildings are then designed to meet definite practical conditions. Students consult published plans and plans loaned by local architects.

Prerequisite, Manual Arts 14.

12. *Freehand Drawing (Two Majors)*. (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink and water color. (b) One hour a week is spent in sketching from life. (c) Lectures on freehand perspective. For home work in connection with this course pupils are required to read Tarbell, *History of Greek Art*, and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2 or 3 and 4, or equivalent.

13. *Freehand Drawing (One Major)*. A continuation of course 12, adding pictorial composition and outdoor sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are required to read Goodyear, *Renaissance and Modern Art*, or some other book on the history of art which is approved by the teacher.

Prerequisite, Manual Arts 12.

21. *Lettering (One Major)*. This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing.

Prerequisite, Manual Arts 12.

*This course will not be given during the year 1909-10.

26. *Machine-Tool Work (Three Majors)*. This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

24. *Steam and Electricity (Three Majors)*. This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines; (e) practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

COLLEGE

15. *Descriptive Geometry (Two Majors)*. A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces.

Prerequisites, Manual Arts 14 and Mathematics 3.

16. *Machine Drawing and Design (Three Majors)*. This course includes (a) making drawings of standard machine parts, making working sketches and drawings from machines, and assembly drawings from working drawings. (b) Calculations for proportioning, and designs of bolts, keys, journals, bearings, couplings, feed screws, gears, and cams, with a study of tooth forms. (c) Analysis of mechanisms, study of instantaneous centers and velocity polygons, and solution of problems of kinematics of machinery.

The course aims to prepare students for further work in engineering schools, but is modified for students who do not intend to continue their technical course and have not sufficient prerequisites, by emphasizing actual problems of modern drafting rooms.

Prerequisites, Physics 2, Mathematics 6 and 7, and Manual Arts 14.

27. *Machine Construction (Three Majors)*. In this course one or more complete machines are made by each class. Special study is made of cost of construction and of the capacity of the tools used. Opportunity is given here to acquire considerable skill and to gain a wide range of machine-shop experience.

Prerequisite, Manual Arts 26.

19. *Drawing from the Antique (Three Majors)*. This course includes (a) drawing the full human figure and various details from the cast, ending

with the draped live model and the human head; (b) history of painting by means of pictures, talks and text-book—Van Dyke, *History of Painting*.

Prerequisite, Manual Arts 12.

20. *Design (Two Majors)*. This course consists of problems in (a) theory of color, (b) theory of design, and (c) applied design. In connection with applied design, instruction is given in tooled leather work, stenciling and block-printing.

Prerequisite, Manual Arts 12 or equivalent.

31. *Woodworking (Three Majors)*. This is a comprehensive course for prospective teachers of manual training. It is divided into three parts, namely.

(1) *Benchwork*. This consists of (a) a review of elementary problems in benchwork, (b) problems in joinery, (c) elementary wood-carving, (d) furniture construction, (e) methods of teaching woodworking.

(2) *Wood-Turning*. This includes spindle, face-plate and chuck turning, fitting and polishing.

(3) *Materials*. A lecture and laboratory course covering a study of woods (shrinkage, warping, hardness, elasticity, etc.), making collections of woods; (b) finishing—paints, stains, fillers, varnishes, wax, etc.; (c) study of nails, screws, glue, etc., used in woodworking.

Prerequisite, Manual Arts 5 and 7, or equivalent.

32. *Drawing (Two Majors)*. A course arranged to meet the needs of teachers of manual training. The work of the first quarter consists of (a) a review of elementary mechanical drawing, (b) more practice in making working drawings, (c) a study of lettering and (d) methods of teaching drawing. During the second quarter, students in this course take up the study of House Construction, Sanitation and Decoration (Domestic Economy 10) with the students who are studying to become teachers of domestic economy. The third quarter is devoted to constructive design, including the designing of objects to be worked out in wood and metals. Students are required to attend the talks on the history of architecture and the decorative arts mentioned in Course 2.

Prerequisite, Manual Arts 14 and 20, or equivalent.

33. *Elementary Handwork (One Major)*. This course takes up several forms of constructive work not covered in Course 37. It includes book-making, pottery, knifework in thin wood, whittling.

34. *Organization of Manual Training (One Major)*. This course includes, (a) organization of manual training and art work in different kinds and grades of schools, (b) study of courses of instruction, (c) study of equipments, (d) planning equipments in detail to meet given conditions, (e) economic and engineering problems arising in equipping for manual training work. Lectures, discussions, reading, written work, and a thesis at the end of the course.

35. *History of Manual Training (One Major)*. This course covers (a) a brief study of the educational theory and practice of Pestalozzi, Froebel and other educational reformers, (b) educational handwork in European countries, (c) the development of manual training, art instruction and industrial education in the public schools of the United States. Lectures, discussions, reading and written work.

36. *Teaching Manual Training (One Major)*. In this course, (a) the principles of teaching are presented with special reference to the manual arts, (b) specific methods of teaching are considered, (c) and typical lessons observed and discussed. Lectures, discussions, reading and written work.

37. *Elementary Art (Three Majors)*. This course deals with typical forms of art and constructive work suitable for children in the elementary schools, and practicable under the conditions of the ordinary schoolroom. The work involves the study of color, representation drawing, design, modeling, the elements of mechanical drawing and constructive work. It is a comprehensive course designed to meet the needs of those who are to become supervisors of art and handwork in the elementary schools.

Prerequisite, Manual Arts 12 and 14 or equivalent.

38. *Metalworking (Three Majors)*. This course covers a large number of fundamental processes in cold metal working, suitable for grammar and high schools. It includes clipping, filing, fitting, polishing, drilling, riveting, turning, threading, soldering and spinning; also hammered metal work, involving surface developments, cutting, piercing, raising, hard soldering and coloring.

MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by means of concrete experiment and problem. This necessitates a close correlation of mathematics and science by the introduction of physical phenomena into mathematical courses. By actual experiment the student is led to clear and well defined ideas, confidence in methods, and a realization of the meaning of his work; at the same time it is not forgotten that mathematics is itself a great science. It is sought to lead the student to some appreciation of the nature and the scope of the realm of mathematical thought, and to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. He is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

LOWER ACADEMY

1. *Algebra (Three Majors)*. This course is the foundation of all subsequent work in mathematics. Algebraic, geometric and physical ideas are introduced by means of actual problems and laboratory experiments. Graphic methods are used at an early stage.

2. *Plane Geometry (Three Majors)*. Emphasis is placed upon the original solution of problems and theorems. Rules, compasses, protractors, co-ordinate paper, colored pencils and crayons are in constant use in the class room. A series of laboratory exercises has been arranged to illustrate the use of geometrical idea in physical phenomena. Direct measurements are made and reduced. Many problems are given involving the use of algebra. Some use is made of sines, cosines and tangents in the solution of triangles.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry (One Major)*. The more essential theorems of the subject are given. Some time is devoted to the construction of models and the solution of practical problems.

Prerequisite, Mathematics 2.

4. *Algebra (One Major)*. This is a continuation of Course 1, but gives a more extended and scientific treatment of subjects treated in that course. Other subjects are added, such as simultaneous equations, inequalities, and logarithms. It demands of the student the power to use Algebra as well as the ability to understand it.

Prerequisite, Mathematics 3.

5. *Plane Trigonometry (One Major)*. Much emphasis is placed upon the transformation of trigonometric functions.

Prerequisite, Mathematics 4.

COLLEGE

7. *Mathematics (Three Majors)*. This course takes up topics usually given in courses in Algebra, Analytic Geometry and Calculus, and treats them in a consecutive and homogenous manner. The more elementary and simpler portions of these subjects are considered, leaving the more complicated parts until the following year.

Prerequisite, Mathematics 5.

8. *Mathematics (Three Majors)*. This course is in continuation of Course 7, and includes Algebra, Analytic Geometry, Differential and Integral Calculus and Differential Equations.

Prerequisite, Mathematics 7.

9. *Surveying (One Major)*. A general course in the elements of Plane Surveying. Practice is given in the use of chain, tape, compass, level, transit, stadia. Practical problems are set and accurate plats are made.

Prerequisite, Mathematics 5.

10. *Analytic Mechanics (One Major)*. This course deals with the fundamental principles of the mechanics of engineering. It aims to establish these principles and emphasize their value by applying them to numerous engineering problems. The student is given a careful training in the use of mathematics as applied to such problems and in the use of engineering data.

Prerequisite, the student must either have had or be taking Mathematics 8.

PHYSICS

The Department of Physics is thoroughly equipped with modern apparatus suitable for courses in Elementary and Advanced Physics as given in the first and second years of the best Engineering Colleges. The lecture room contains the apparatus for lecture demonstrations, including dark curtains for windows, electric projection lantern, reflectoscope, gas, water, electricity, etc. The laboratories have a large amount of apparatus especially adapted for students' use. Here the elementary student comes in contact with the best of modern apparatus, thus obtaining at an early age a correct understanding of physical quantities.

The electric equipment, including standard ammeters, voltmeters, wattmeters, alternating and direct current, large storage cells, etc., presents an opportunity for advanced work in electrical engineering.

Special laboratories are provided for photometry and photography.

The library of the department is well supplied with the leading reference books, and all new books of importance will be purchased as they appear. The leading scientific and technical periodicals devoted to physics and electrical engineering are received. Advanced students are required to make abstracts of important scientific papers, thus becoming familiar with the scientific subjects of the day.

Students intending to enter other schools may anticipate work in Physics, either in lecture or laboratory work, if they have the required preparation.

HIGHER ACADEMY

1. *Elementary Physics (Three Majors)*. This introductory course is required of all students in the third year. It deals with the fundamental principles of mechanics, sound, magnetism and electricity, heat and light. The historical development and the practical application to daily life are emphasized.

The class is divided into sections of not more than fifteen for the laboratory work, which consists almost exclusively of quantitative experiments. Practically every algebraic expression used in physics forms the basis of a large number of practical problems in algebra. Recitations, laboratory and lectures, seven hours a week.

Prerequisites, Algebra, Plane Geometry.

Note.—Students who have had good text-book work in Elementary Physics may complete the laboratory work in the first quarter.

COLLEGE

2. *Advanced Physics (Three Majors)*. This is a course in advanced Physics, in which the subject is treated both experimentally and mathematically. Great attention is paid in this course, both in lectures and laboratory, to the practical applications of the various branches. The work is carried on as in Course 1, except that more delicate instruments are used, and the mathematical side of the subject is more fully developed.

Lectures, five hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1 and Plane Trigonometry.

3. *Theoretical Physics (Three Majors)*. The subject is treated more from the theoretical side than in Course 2. This course is especially designed for students intending to continue work in engineering schools. The laboratory work is similar to that given in the best engineering schools in the country. Accuracy is required throughout. In the more advanced work the student's attention is directed to the study of possible sources of error. A series of twelve lectures on this subject will be given in connection with the laboratory work.

Lectures, five hours a week. Laboratory, four hours a week.

Prerequisites, Physics 1, Plane Trigonometry, Analytic Geometry, and the student must either have had or be taking Differential and Integral Calculus.

4. *Theoretical Electricity (One Major)*. A course in the theory of Electricity and Magnetism. Lectures, five hours a week.

5. *Laboratory Practice (One Major)*. An advanced course in heat and light. Laboratory, ten hours per week.

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES.

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science, Engineering and six-year Mechanic Arts Groups, the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

A certificate is given to those who complete the Teachers' Course in Manual Training or Domestic Economy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature Groups, a student who enters the Institute from another institution will be required to do work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES.

Tuition. The charges for tuition are as follows: Full work (3 or 4 subjects), \$20.00 per quarter; 2 subjects, \$15.00 per quarter; 1 subject, \$10.00 per quarter. There are three quarters in the school year. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. No other fees are charged by the Institute. *Necessary text books and instruments will be provided by the Institute free of charge.* Tuition fees should be paid during the first two weeks of each quarter. Neglect to do so will render students liable to be refused admittance to classes. Checks should be made payable to Bradley Polytechnic Institute.

In some cases students are allowed to pay part or all of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits, (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at from \$4.00 per week upward. The Institute will make special effort to secure satisfactory conditions as to boarding and rooming

accommodations in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute.

SCHOLARSHIPS.

I.—SCHOLARSHIPS IN THE INSTITUTE.

(a) *The Institute grants scholarships to the value of \$60.00 each, covering tuition in the College for a year—*

1. Two scholarships to members of the class graduating from the Academy, awarded by the Faculty. These are now held by Anna Bibo and Harry J. Klotz.

2. Two scholarships to the two graduates of the Peoria High School having the highest rank. These are now held by Meta Becker and Omega McNamara.

(b) *The Institute grants scholarships of the value of \$60.00 each, covering tuition in the Academy for a year—*

1. A scholarship to the boy and to the girl standing highest in the Peoria county examination for the Eighth grade, now held by James Werckle and Hazel Heck.

2. A scholarship to the boy standing highest in the Tazewell County examinations for the Eighth grade.

(d) *The Board of Supervisors of Tazewell County gives a scholarship to the girl standing highest in the Tazewell County examination for the Eighth grade.*

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO.

The University of Chicago grants each year to Bradley Institute, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. They are now held by Sidney H. Easton and Charles G. Mason.

SUMMER SCHOOL.

The Summer School, devoted to Manual Training and Domestic Economy, extended from June 29th to August 1st. It was conducted under the superintendency of Charles A. Bennett, with the following instructors: F. D. Crawshaw, Woodworking and Mechanical Drawing; Elida E. Winchip, Sewing; W. F. Raymond, Metalworking; Lucy E. Tripp, Applied Design; Clinton S. Van Deusen, Woodworking and Mechanical Drawing; Martha Shopbell, Cooking; Mary A. Wright, Manual Training for Elementary Schools.

The following courses were offered: 1. Organization of Manual Training. 2. Manual Training for Elementary Schools. 3. Woodworking and

Mechanical Drawing. 4. Metalworking for Grammar and High Schools. 5. Textiles and Plain Sewing. 6. Dressmaking. 7. Furniture-Making and Methods of Teaching Woodworking. 8. Wood-turning and Patternmaking. 9. Machine Shop Practice. 10. Design. 11. Constructive Design and Drawing. 12. Cooking.

The tuition for the Summer term is \$25 for three courses, \$20 for two and \$15 for one.

The students of the Summer School of 1908 came from the following States: Illinois, Indiana, Ohio, Louisiana, Missouri, Iowa, Minnesota, Pennsylvania, Wisconsin, Michigan, Maryland, Arizona, Arkansas, California, Colorado, Georgia, Kansas, Montana, New Jersey, Oregon, South Dakota, Washington. Several of these were college graduates, the great majority were teachers.

The Summer School for 1909 will offer similar courses. It is held from June 28 to July 31.

UNITED STATES WEATHER BUREAU.

During the summer of 1904 the United States Government erected a Weather Bureau Station at the north end of the campus on a lot granted by the Institute. This is under charge of Dewey A. Seeley. Daily bulletins and weather maps are sent out from the station. Special lectures are given by Mr. Seeley to Institute classes.

CHAPEL AND SPECIAL EXERCISES.

A brief chapel service, which all students are expected to attend, is held daily. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. At intervals the students and teachers in the School of Horology join the School of Arts and Sciences in a general assembly. On these occasions musical programs and addresses by prominent professional and business men on practical topics take the place of the chapel service.

On Saturday evening, February 27, a short play, in German, was given by members of the classes in Modern Languages.

The reflectoscope or lantern slides are frequently employed in connection with informal talks in different departments, especially Manual Arts, the Sciences, History, the Ancient and Modern Languages.

PARENTS' MEETINGS.

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes: 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and the teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 3. To discuss edu-

cational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The dates of the Parents' Meetings for 1909-10 will be Thursday, October 21, 1909, and Thursday, March 24, 1910.

THE BOARD OF ATHLETICS.

Athletics are under direct control of a board made up of five members of the Faculty and five representatives elected from the various divisions of the school. Actions of the Board are of course subject to revision by the Faculty.

The purpose of this Board is to secure the best possible conditions in Athletics, especially to insist upon two points:—that the conduct of all taking part shall be fair and gentlemanly, and that no student shall follow athletics to the detriment of his studies. Under the direction of this Board an athletic field has been fenced off, graded and equipped; baseball and football teams have been organized and maintained, and work in track athletics and tennis well established. Besides the athletic field, which contains a baseball and football field and a quarter-mile track, the Institute maintains for general student use five tennis courts, a basket-ball field and a second baseball diamond.

Special attention is being paid to athletics within the school; to this end a committee on inter-school athletics has been appointed by the Board. This committee encourages and directs all legitimate out-of-door sports by providing equipment for teams and arranging schedules.

MEMBERSHIP OF THE BOARD, 1908-1909.*

THE DIRECTOR.....	Chairman, <i>ex-officio</i>
F. L. BISHOP, Secretary.....	} The Faculty of Arts and Science
GEORGE C. ASHMAN.....	
CLINTON S. VAN DEUSEN.....	
J. A. MINOR.....	The Horological Faculty
EDWARD MILLER.....	The Horological School
RALPH E. SEYMOUR.....	} The College
LESTER R. MASON.....	
FRANK D. SMITH.....	} The Higher Academy
HAROLD D. McCULLOUGH.....	
WALTER K. FORD.....	} The Lower Academy
EDWARD MARTIN.....	
RUTH L. COOPER.....	} The Young Women
AMY L. KEITHLEY.....	

*Bracketed names (except faculty members) are those of successive representatives of the same division.

MANAGERS FOR 1908-1909.

BENJ. S. PFEIFFER.....	Football
FREDERICK E. LINDEBURG.....	Baseball
LESTER R. MASON.....	Track
CHAS. A. ATWOOD.....	Tennis
FRANK D. SMITH.....	Basket-Ball

COMMITTEE ON INTER-SCHOOL ATHLETICS.

CLINTON S. VAN DEUSEN.....	Chairman
JOHN H. KUHLE.....	Baseball
LESTER R. MASON.....	Track
CHAS. A. ATWOOD.....	Tennis
FRANK D. SMITH.....	Basket-Ball

THE NEW GYMNASIUM.

The Gymnasium will be ready for use at the beginning of the school year, September, 1909. It contains a gymnasium for men, one for women and several rooms for social purposes. It contains a large swimming-pool, running-track and complete equipment of apparatus. Physical training for the young men will be under the care of Mr. Fred Brown of Cleveland, Ohio, and for the young women under the care of Miss Edith Stimson, a graduate of Oberlin College.

THE COUNCIL.

The Council includes (a) the Director and Deans, who represent the Faculty; (b) six Tribunes, namely three young men and three young women, who are elected by the young men and women respectively of the College, Higher Academy and Lower Academy for the term of one year. The work of the Council is to consider all matters of common interest to Faculty and students; to make recommendations to the Faculty; and to deal with all matters referred to it by the Faculty. Among other matters which the Faculty has put into the hands of the Council may be noted: the formation of Literary Societies; the social interests of the school; the Tech; the Annual.

TRIBUNES FOR 1908-1909.*

College—	{ ROY KELLAR	{ EDITH LOVE
	{ MERRILL SCHNEBLY	{ MELITTA MAGARET
Higher Academy—	{ FRANK MERCER	{ JESSIE MERCER
	{ RUDY HEINTZMAN	{ LILY KEITHLEY
Lower Academy—	{ THEODORE PLACK	{ MARCELLA SCHWENTSER
	{ JOHN H. HICKEN	{ EMILY BENTON



WOODWORKING ROOM



MACHINE SHOP



ATHLETICS



MECHANICAL DRAWING

ORGANIZATIONS

ARTS AND CRAFTS CLUB.

The Arts and Crafts Club, as its name signifies, is a society whose purpose is to stimulate interest in art at Bradley Institute, and especially to recognize and encourage artistic handicraft among its members. The Club was organized in November, 1898.

The most important feature of its work is the annual spring exhibition. Here are gathered together the best pieces of art-craft work made by students, alumni and teachers during the year.

OFFICERS.

President.....	GLENN M. EBAUGH
Vice President.....	G. GORDON KELLAR
Secretary.....	LOUISE I. DELENT
Treasurer.....	ELLA C. WESTLAKE
Curator.....	ADELAIDE MICKEL

THE HISTORICAL SOCIETY.

The Historical Society holds one regular meeting each quarter, and such special meetings as may be deemed advisable. Its purpose is (1) to study local history in its relation to State and National History; (2) to discuss historical topics and current events, especially those bearing on political, economical and social questions; (3) to increase the student's interest in history by means of lectures, etc.

The leading topic for study this year has been the history of Illinois.

OFFICERS.

President.....	ROBERT PLOWE
Vice President.....	GROVER BAUMGARTNER
Secretary-Treasurer.....	GORDON KELLAR
Chairman Executive Committee.....	CHARLES T. WYCKOFF

ENGLISH CLUB.

The purpose of the English Club is to create a greater interest in English Literature. During the past year the Club has studied several of the plays of Shakespeare. On March 20th the annual banquet was held at Bradley Hall. Mr. Fred Bourland acted as toastmaster. Mr. P. G. Rennick gave a number of dialect sketches. Short talks were made by Edward Cushing and by Miss Janet Grant.

The play of Pyramus and Thisbe from Midsummer Night's Dream was given in Elizabethan style by members of the Club.

OFFICERS.

President.....	ELLEN A. MUIR
Vice President.....	HUGH E. COOPER
Secretary-Treasurer.....	G. GORDON KELLAR

*Bracketed names are those of successive representatives of the same division.

THE PEDAGOGIC CLUB.

The aim of the Pedagogic Club is two-fold—professional and social. It brings together students who are intending to become teachers of the manual arts or domestic economy for the discussion of problems of teaching and for social enjoyment. The club usually meets at the home of some local member.

OFFICERS.

President.....	GEORGE F. HUTTER
Vice President.....	BERTHA BAUGHMAN
Secretary-Treasurer.....	OLIVE A. BALCKE

LITERARY SOCIETIES.

Great interest has been shown in the work of the literary societies during the past year. They are purely voluntary but are regarded by the Institute as making an important contribution to school life. There are now four such organizations. Friday evening, April 9, a public debate was held at Eureka between Bradley and Eureka College. The question was, "Resolved, that the welfare of the nation demands the enactment of laws providing for a graduated income tax." The Bradley representatives were Merrill I. Schnebly, Frederick A. Causey, Harry J. Klotz, with Edwin E. Anderson substitute.

BRADLEY DEBATING CLUB.

President.....	ROY A. KELLER
Vice President.....	FRANK E. GOODING
Secretary.....	WILLIAM C. GIESSLER

THE GIRLS' DEBATING SOCIETY.

President.....	MELITTA MAGARET
Vice President.....	META BECKER
Secretary.....	CONSTANCE HECKMAN
Treasurer.....	RUTH SHERWOOD

THE INSTITUTE DEBATING CLUB.

President.....	FREDERICK A. CAUSEY
Vice President.....	W. MARRS SHOOP
Secretary.....	WALTER K. FORD

THE BRADLEY DEBATING AND LITERARY SOCIETY.

President.....	LUCIUS A. FRITZE
Vice President.....	FREDERICK G. LINDEBERG
Secretary.....	FRANK W. WERCKLE

THE TECH.

THE TECH is a monthly paper conducted under the auspices of the Council. The editor-in-chief and business manager, who are elected from the student body by the Council, assume the entire responsibility.

STAFF FOR 1908-1909.

G. GORDON KELLAR.....	Editor-in-Chief
ROY A. KELLER.....	Business Manager
HARRY J. KLOTZ.....	Associate Editor
ROBERT PLOWE.....	Athletics
IRENE C. LIDLE.....	Social
OTTO DAVIDSON.....	Staff Artist
BESSIE M. MORRIS.....	} Local
RALPH E. SEYMOUR.....	
ELLEN A. MUIR.....	
ROGER SCHENCK.....	

THE POLYSCOPE.

THE POLYSCOPE is the annual publication of the students. Like THE TECH it is under the control of the Council. The issue for 1908-9 contains a history of the school for the present year, records of athletic teams, work of school organizations, and the like. The staff is as follows:

WILLIAM H. HUDSON.....	Editor-in-Chief
JOHN H. KUHL.....	Business Manager
FLOYD E. SANFORD.....	Assistant Business Manager
CHARLES A. ATWOOD.....	} Literary
EDWARD A. CUSHING.....	
ELLA C. WESTLAKE.....	Normal
LESTER R. MASON.....	Athletics
LUCIUS A. FRITZE.....	Organizations
BESSIE M. MORRIS.....	Subscriptions
D. H. THOMAS.....	Horological

MUSICAL ORGANIZATIONS.

The Chorus gives training in singing and in the interpretation of the best music. The work is voluntary. Membership is open to students and friends of the Institute. The Chorus numbers about fifty voices.

OFFICERS.

Director.....	CHARLES T. WYCKOFF
Chairman Executive Committee.....	GROVER C. BAUMGARTNER
Pianist.....	GERTRUDE ALLEN

The Bradley Symphony Orchestra is under the direction of Mr. Harold Plowe. Membership is open not only to students, but to all who are interested in musical culture. The orchestra has a membership of forty.

The Chorus and Orchestra gave a concert at Bradley Hall, April 2.

THE CHRISTIAN ASSOCIATIONS.

The Young Men's Christian Association was organized in 1902, and the Young Women's in 1904. Both organizations prove important aids in promoting the best interests of the school.

OFFICERS OF THE ALUMNI ASSOCIATION.

President.....	MONTGOMERY G. RICE '03
Vice President.....	BERTHA M. SCULLIN '03
Secretary.....	LAURA E. GEACH '08
Treasurer.....	BENJAMIN S. BEECHER '08

PUBLIC EXERCISES

THE ELEVENTH CONVOCATION.

The eleventh convocation was held in Bradley Hall, Friday evening, June nineteenth. The invocation was offered by the Reverend J. Merle Stevens. President Charles F. Thwing of Western Reserve University gave the convocation address on the theme, "Man and His Maker." This was followed by the annual statement of the Director. The diplomas were presented by President Harry Pratt Judson, of the University of Chicago.

THE DIPLOMA OF THE INSTITUTE was conferred upon the following graduates:

IN THE SCIENCE GROUP—Francis J. Bohl, Sidney H. Easton, A. Edna Fulford, Harry K. Griffin, Emma L. Hannam, M. Ethelwyn Moss.

IN THE ENGINEERING GROUP—Harry S. Becker, William G. Hiller, Harold W. Lynch, Alexander Macdonald, R. Kenneth Murduck, Robert M. Spurck.

IN THE MECHANIC ARTS GROUP—Frank W. Werckle.

IN THE CLASSICS GROUP—Marion Faber, Marguerite B. Hayward, George C. Mahle, Charles G. Mason, Rexie Rockwell.

IN THE LITERATURE GROUP—Martha Bailey, Benjamin S. Beecher, Merrill McA. Dwinell, Laura E. Geach, Martha I. Grant, Hazel Gregg, Bessie M. Morris, Ellen A. Muir, Olive E. Radley, Clarence W. Straesser.

The graduates from these groups were given respectively the Degree of Associate in Science, Associate in Arts and Associate in Literature.

THE TEACHERS' CERTIFICATE was conferred upon the following who had completed the required work—

IN MANUAL TRAINING—John W. Curtis, Edith L. Grimm, Tasso Lindsay, Joseph W. Paul, Robert W. Selvidge, Albert F. Siepert, Mary E. Williams.

IN DOMESTIC ECONOMY—Leona F. Carter, Bertha E. Kraeger, Laura G. Patterson.

The University of Chicago Scholarships were won by Sidney H. Easton and Marguerite B. Hayward; alternates, Rexie Rockwell and Charles G. Mason.

The Academic Certificate was conferred upon the following students:

IN THE SCIENCE GROUP—Charles A. Atwood, Anna L. Cation, Allen W. Heyle, G. Gordon Kellar, Lester R. Mason, Carl L. Pfeffinger, Lynn D. Rockwell, Edwin F. Sanford, Sanchen G. Strehlow, Ethel M. Summers.

IN THE ENGINEERING GROUP—Nevius Van D. Ballance, Roy P. Carson, Edgar B. Donley, Frank E. Gooding, Frank Huber, Harry J. Klotz, Edwin L. Lidle, Carl E. Paul, Benjamin S. Pfeiffer, Aaron P. Phillips, Earl L. Smith, Henry Truitt.

IN THE LITERATURE GROUP—Anna M. Bibo, Susanne J. Botto, Ruth L. Cooper, Louise I. De Lent, Natalia Jobst, Amy Keithley, Irene E. Schertz, Ruth R. Sherwood, Julia H. Voorhees.

IN THE MECHANIC ARTS GROUP—Oscar W. Sieberns.

The Institute Scholarships were won by Anna M. Bibo and Aaron P. Phillips; Alternates, Harry J. Klotz and G. Gordon Kellar.

IN THE HOROLOGICAL DEPARTMENT the diploma for completion of the course in watch work was conferred upon Murry M. Bywater, Herbert C. Holt, Selby J. Manning and Milton R. Smith.

The Diploma in Optics was conferred upon Forrest Abbott, J. J. Abrams, F. L. Armstrong, C. Bahnson, W. P. Baucom, H. M. Bawsher, A. E. Birch, H. H. Boyson, C. D. Brockett, Lloyd Brown, F. G. Bruner, H. H. Brunnell, W. H. Carter, A. C. Clayman, H. L. Crawford, E. L. Dickason, A. D. Foreburger, A. F. Fortney, W. E. Getz, W. J. Glaum, J. V. Gossnell, G. E. Halgren, S. N. Hancock, H. Hines, W. D. Jackson, G. Jalbert, R. J. Jones, C. W. Mallory, F. Marquissee, C. H. McClaine, R. G. Newcomer, J. J. Pfouts, H. E. Rathrock, E. O. Ridgway, M. E. Rugger, O. J. Severen, J. A. Thoma, M. R. Smith, W. H. Sprague, C. E. Weston, W. E. Wooley, H. C. Ziegler.

FOUNDER'S DAY.

The eleventh annual observance of Founder's Day was held Tuesday, October eight. The invocation was offered by the Reverend W. B. Shoop and the address given by Nathaniel Butler on "The Social Value of a Liberal Education." Miss Edith L. Campbell presided at the organ.

LECTURE COURSE, 1908-1909.

HON. CLARK E. CARR, Galesburg, Ill.:

"The Lincoln-Douglas Debates".....November 13

MISS MARGARET McLAUGHLIN:

"The Negro as a Character in Fiction".....December 4

MISS DOROTHY DUNCAN:

"Ireland".....December 11

REVEREND DAVID BEATON, of Chicago:

Six Lectures on Scotland, alternate Friday evenings, January 8-March 19.

ATHLETIC BENEFIT.

Under the auspices of the Athletic Board "An American Citizen" was presented at the Grand Opera House May 8, 1908. Mr. Frank T. Wallace superintended the preparation of the play. Mr. Benjamin S. Pfeiffer acted as business manager and music was furnished by the Bradley Orchestra under direction of Mr. Harold Plowe.

The following students composed the cast: James Aylward, Grover Baumgartner, Benjamin Beecher, Lester Byron, Edward Cushing, Sidney Easton, Una Garrett, Mayo Goss, Marie Knapp, Lucile Maple, Bessie Morris, Carl Pfeffinger, Ben Sager, Roger Schenck, Shuntoch Seth, Julia Voorhees.

GRADUATES OF BRADLEY POLYTECHNIC INSTITUTE

1898

UNLAND, CORINNE C. (MRS. JAMES H. ANDERSON), New Orleans, La.
Literature; University of Chicago, 1898-1900.

1899

ANDERSON, JAMES H., New Orleans, La.
Science; Winner University of Chicago Scholarship; University of Chicago, 1899; Chemist, American Cotton Oil Co., 1900-5; Industrial Cotton Oil Co., 1905-8; Union Oil Co., 1908—.

LYON, CHARLES H., 206 Culter St., Peoria.
Classics; Winner University of Chicago Scholarship; Student in Mechanical Engineering, Y. M. C. A. School, Peoria, 1904-5; City Electrician, Peoria, 1905-9.

1900

CROFOOT, MARGUERITE (MRS. C. C. LEFFINGWELL), 85 Park Ave., Passaic, N. J.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2; A. B., *ibid.*, 1902, Honorable Mention; Teacher, Peoria Schools, 1902-3; Assistant in Greek and Latin, Bradley Institute, 1903-6.

DEXTER, JOHN R., Ardmore, Okla.
Literature; University of Chicago, 1900-2; Ph. B., *ibid.*, 1902; President Indianola Trust Co., Ardmore, Okla.

HOOD, FLORENCE (MRS. H. M. SOLENBERGER), 221 College St., Springfield.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2, A. B., *ibid.*, 1902; Registrar Chicago Bureau of Charities, 1903-4.

LEFFINGWELL, CLARENCE C., 416 W. 13th St., New York.
Literature; University of Chicago, 1901-2, Ph. B., *ibid.*, 1902; Assistant in Greek and Latin, Bradley Institute, 1901-3; Private Tutor, 1903-4; Manager News-stand Circulation Collier's Weekly, 1904—.

*NELSON, CARL G.,
Classics; Augustana College, Rock Island, 1900, 1902-3; B. D. and M. A., *ibid.*, 1903; University of Chicago, 1901-2; called to a church in Manson, Ia.

PAGE, ROY, Peoria.
Science; Cornell University, 1900-1; Business, Chicago, 1902-6; engaged in fruit culture, San Cristobal, Cuba, 1907; With Brown, Page & Hillman, Peoria, 1908—.

PARKER, MARGUERITE (MRS. FRANK L. HINMAN), Tremont.
Science; University of Chicago, 1900-2, B. S., 1902; Teacher in Peoria Schools, 1902-4.

RICE, MARY VIRGINIA, 1658 Humboldt St., Denver, Colo.
Literature; University of Michigan, 1900-2, A. B., *ibid.*, 1902; Teacher, Peoria Schools, 1903-6; Student University of Chicago, summer 1906; Rock Island High School, 1906-8; Denver Manual Training High School, 1908—.

SANNER, LAURA E. (MRS. ROBERT PARKER), 1738 Clarkson St., Denver, Colo.
Literature; Teacher, Wyoming, Ill., Schools, 1900-2.

SMITH, RALPH H., Lancaster.
Classics; University of Chicago, 1900-3, A. B., *ibid.*, 1902; Starling Medical College, 1903-5, M. D., *ibid.*, 1905; Interne, St. Francis Hospital, Columbus, 1905-6; Physician, Lorain, Ohio, 1906-9; Lancaster, Ohio, 1909—.

WARBEKE, JOHN M., Williamstown, Mass.
Classics; Princeton University, 1901-3, A. B., *ibid.*, 1903; Student of Philosophy, University of Leipzig, and travel in Europe, 1903-6, Ph. D., *ibid.*, 1906; Instructor in German, Williams College, 1906-9; Instructor in Philosophy, *ibid.*, 1909—.

*Died 1905.

1901

BRUBAKER, HAROLD C., 6542 Ellis Ave., Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1901-3; A. B., *ibid.*, 1903; Western Electric Co., Indianapolis, 1903-6; *ibid.*, Chicago, 1906-7; Goodman Manufacturing Co., Chicago, 1906—.

FULLER, WALTER, Clinton, Iowa.
Science; University of Chicago, 1901, S. B., *ibid.*, 1904; Student Laboratory-Inspector, *ibid.*, 1901-4; Chemist, Kennicott Water Softener Co., Chicago, 1905-6; Chemist, Glucose Sugar Refining Co., Pekin, 1906; U. S. Gypsum Co., Chicago, 1907-8; Clinton Sugar Refining Co., 1908—.

GEIGER, MABEL L., 1120 Perry Ave., Peoria.
Classics; University of Illinois, 1901-2; B. L. S., *ibid.*, 1903; Teacher Peoria Schools, 1903—.

KELLY, MILDRED (MRS. WM. J. ANICKER), Muskogee, Okla.
Literature; Mt. Holyoke, 1902-3.

MACCLYMENT, GEORGE R., 419 Observatory Bldg., Peoria.
Science; University of Chicago, 1901-3; Assistant Cashier of Bank, Scott, Wrigley & Hammond, Wyoming, 1903-7; Assistant Manager Lydia Bradley Estate, 1907—.

OLMSTEAD, MAUD C. (MRS. E. V. LAWRENCE), 611 W. Stoughton St., Urbana.
Science; Assistant in Sewing, Bradley Institute, 1901-5.

PORTER, ALBERT L., Brookfield.
Science; Student in Correspondence Course in Architecture, Chicago, 1901; Mechanical Draftsman, Chicago; Designer Water Softening Machinery, 1904-5; Engineering Department Fairbanks-Morse Co., Chicago, 1906—.

SWANSON, E. ADELIA, Rochester, Minn.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1901-2; Ph. B., *ibid.*, 1902; Teacher of German and English, High School, Indianola, Iowa, 1902-3; Teacher of German, High School, Owatonna, Minn., 1903-7; Teacher of German and Principal of High School, Manning, Ia., 1907-8; Teacher of German, High School, Rochester, Minn., 1908—.

TRACY, ANNIE C., 313 Callender Ave., Peoria.
Literature; Teacher Peoria Schools, 1901—.

WEIRICK, ELIZABETH S., Ferry Hall, Lake Forest.
Literature; University of Chicago, 1901-3; B. S., *ibid.*, 1903; Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y., 1903-7; Instructor in Science, Ferry Hall, Lake Forest, Ill., 1907—.

1902

BENNETT, FRANK W., Rose Polytechnic Institute, Terra Haute, Ind.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; A. B., *ibid.*, 1903, Honorable Mention; Instructor in English and German, Rose Polytechnic Institute, Terre Haute, 1904—.

BRUBAKER, WILLIAM C., 6542 Ellis Ave., Chicago.
Science; Armour Institute of Technology, 1902-6, B. S., *ibid.*, 1906, White Scholarship, 1905; Engineer with Pullman Co., Chicago, 1906—.

HANCOCK, TRACY M., Lacon.
Science; Business in Lacon, 1902—.

KELLOGG, ANNA A., 1017 State St., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; Ph. B. *ibid.*, 1903; Honorable Mention in English; Graduate Student, University of Chicago, Summer, 1905; Teacher of English and German, High School, Marquette, Mich., 1903-5; Teacher of German and English, High School, Peoria, 1905; Student University of Berlin, 1908-9.

KIRTLEY, LUTHER L., 123 So. 5th St., E. Salt Lake, Utah.
Science; Marietta College, 1900-01; University of Chicago, 1902-3; B. Sc., *ibid.*, 1903; Engineer, Eveleth, Minn., 1903-5; University of Chicago, Winter and Spring, 1905; University of Wisconsin, 1905-6; School of Mines, Columbia University, 1906-8; M. E., *ibid.*, 1908; with U. S. Smelting, Refining & Mining Co., Eureka, Utah, 1908—.

MERRELL, MORTON W., Sheffield.
Classics; Northwestern University, 1902-4; A. B., *ibid.*, 1904; Garrett Institute, 1904-8; Pastor M. E. Church, Sheffield, Ill., 1906—.

SWEETSER, IRVING J., 1421 15th Ave., Seattle, Wash.
Classics; with Phil Sheridan Mining Co., Washington, 1902-4; Standard Oil Co., Peoria, 1905-7; Montana St. Mill Co., Seattle, Wash., 1907—.

THOMAS, GEORGE EARL, 608 Wisconsin Ave., Peoria.
Classics; business, Peoria, 1902—.

WELLS, EDGAR B., Thomson.
Science; University of Chicago, 1902-4; Ph. B., *ibid.*, 1904; Principal of High School, Delavan, 1905-6; Teacher of Science, Township High School, Pontiac, 1906-7; State Teacher's Certificate for Illinois, 1906; Supt. of Schools, Thomson, Ill., 1907—.

1903

BALLANCE, WILLIS H., 4949 Lake Ave., Chicago.
Science; Cornell University, 1903-6; B. S., *ibid.*, 1906; with Weston Mott Co., Flint, Mich., 1906-8; with U. S. Brewing Co., Chicago, 1908—.

BELL, MARCIA (MRS. THOS. R. BLAIR), 612 Fayette St., Peoria.
Literature.

BOURLAND, JULIA P. (MRS. ARTHUR CLARK), 511 Ellis St., Peoria.
Literature; Smith College, 1903-5; A. B., *ibid.*, 1905; Instructor in Biology, Bradley Institute, 1905-6.

BROWN, DELOSS S., 99 Barker Ave., Peoria.
Mechanic Arts; Business, Peoria, 1903—.

CALVERT, MAUDE, 114 Ellis St., Peoria.
Literature; University of Chicago 1903-4; Ph. B., *ibid.*, 1904; Teacher Peoria Schools, 1904-5; Teacher of French, High School, Seattle, 1905—.

COWELL, MARK W., 221 Crescent Ave., Peoria.
Science; University of Michigan, 1903-6; A. B., *ibid.*, 1906; with Avery Co., Peoria, 1906—.

CUTRIGHT, SIDNEY B., 313 Barker Ave., Peoria.
Classics; Business, Peoria, 1903—.

DURHAM, MARGARET L., 306 N. Glen Oak Ave., Peoria.
Literature; Teacher Peoria Schools, 1904—.

DURLEY, ELIZABETH R., 1824 7th St., Des Moines, Ia.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1903-4; Teacher, Des Moines, Iowa, 1905-8; Ph. B., University of Chicago, 1908; Teacher, English and History, High School, Des Moines, Iowa, 1908—.

FAVILLE, MILDRED, Appleton, Wis.
Literature; University of Chicago, 1903-5; Ph. B., *ibid.*, 1905; Teacher, Peoria Schools, 1905-8; Teacher of Music in Public Schools and in Lawrence Conservatory of Music, Appleton, Wis., 1908.

GRABER, LOTTIE A. (MRS. W. J. WULSTEIN), Chamberlain, S. Dak.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1903-5; A. B., *ibid.*, 1905; Teacher, High School, Knoxville, 1905-7.

HARPER, MARY J. (MRS. HENRY H. LANE), Norman, Okla.
Science; University of Chicago, Summer, 1901, 1904-5; B. S., *ibid.*, 1905; Scholarship in Zoology, *ibid.*, Assistant in Science, Bradley Institute, 1903-4; Teacher, Peoria Schools, 1905.

JOBST, NETTIE, 511 N. Madison Ave., Peoria.
Science; Travel in Europe, Summers, 1905, 1906, 1908

JOSEPH, DON R., Rockefeller Institute for Medical Research, N. Y.
Science; Holder of Special Scholarship, University of Chicago; University of Chicago, 1903-4; B. S., *ibid.*, 1904, Honorable Mention; Brainard Medal in Anatomy, *ibid.*, 1904; St. Louis University, 1904-7; M. S., *ibid.*, 1906; M. D., *ibid.*, 1907; Assistant in Physiology, Medical Department, *ibid.*, 1904-7;

Professor of Physiology, St. Louis Dental College, 1906-7; Publications, "Effects of Intravenous Injection of Pork Bone Marrow on the Blood-pressure," American Journal of Physiology; "The Influence of Organ Extracts of Cold-blooded Animals on the Blood-pressure," Journal of Physiology, London, Journal of Experimental Medicine; "The Influence of Vagus Stimulation upon the Development of Rigor in the Heart," "The Relation of the Heart-weight to the body weight in Animals," (In Press). The Comparative Toxicity of the Chlorides of Magnesium, Calcium, Potassium and Sodium.

Research Fellowship, Rockefeller Institute for Medical Research, New York City, 1907-8; Assistant, *ibid.*, 1908—.

PINGER, GEORGE C.,

Youngstown, Ohio.

Engineering; Cornell University, 1903-5; M. E., *ibid.*, 1905; Junior Member American Society of Mechanical Engineers; Draftsman, Snow Steam Pump Co., Buffalo, N. Y., 1905-6; Struthers Well Co., Warren, Pa., 1906; Wm. Tod Co., Youngstown, O., 1906—.

RICE, MONTGOMERY G.,

Libby, Mont.

Literature; University of Michigan, 1903-6; LL. B., *ibid.*, 1906; Admitted to Michigan Bar, 1906; Admitted to Illinois Bar, 1906; Lawyer, Libby, Mont., 1909—.

RIDER, GEORGIA,

Pekin

Literature; Teacher, Tremont, Ill., 1904; Havana, Ill., 1906-8; Student University of Chicago, Summer, 1907.

SCHIMPF, OSCAR J.,

646 Carolina St., Gary, Ind.

Engineering; Assistant City Electrician, Peoria, 1903-5; Chief Engineer and Electrician, Buckeye Powder Co., Edwards, Ill., 1905; with Mills Electric Co., 1906-7; Manager Electric Department for Wheelock & Co., 1907-8; with U. S. Steel Corporation, Gary, Ind., 1908—.

SCULLIN, BERTHA M.,

715 College St., Peoria.

Classics; Winner University of Chicago Scholarship; Assistant in Sewing, Bradley Institute, 1903-5; University of Chicago, Summer, 1904, 1905-6; A. B., *ibid.*, 1906; Assistant in Domestic Science, Bradley Institute, 1906—.

SCHUREMAN, MARY O. (MRS. GEO. F. IMIG), 1223 N. 6th St., Sheboygan, Wis.

Literature; Smith College, 1904-6; A. B., *ibid.*, 1906.

SEATON, EDITH M.,

412 N. Glendale, Peoria.

Classics; Teacher, Peoria Schools, 1903—.

STOCK, EDWARD F.,

506 Sanford St., Peoria.

Science; Clerk T. P. & W. R. R. Office, 1903-6; Freight Accountant, *ibid.*, 1906—.

STOWELL, LAURA A. (MRS. A. J. BOOKMEYER), 4545 11th Ave. Seattle, Wash.

Science; Teacher, Domestic Economy, High School, Calumet, 1903-7; Everett, Wash., 1907-8.

SUMMERS, LILLIAN M. (MRS. JOHN B. TANSIL), 1017 Willet Ave., Memphis, Tenn.

Classics; Northwestern University, 1903-4; Vanderbilt University, 1904-5; A. B., Northwestern University, 1905; Teacher, Peoria Schools, 1905-8.

TJADEN, HERTHA M.,

205 S. Underhill St., Peoria.

Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Domestic Science, Peoria Schools, 1906-7; Director of Domestic Science, Y. W. C. A., Rockford, Ill., 1907; Teacher, Public Schools, Peoria, 1908—.

WEST, VICTOR J.,

5719 Monroe Ave., Chicago.

Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, Instructor in English, Bradley Institute, 1905-6; Secretary Briggs Real Estate Co., Los Angeles, Cal., 1906-8; Fellow in Political Science, University of Chicago, 1908—.

1904

BELSLEY, RAY J.,

Engineering; Business, Peoria, 1904—.

1405 N. Jefferson Ave., Peoria.

BENTON, CHARLES K., Hood River, Ore.
Science; Dartmouth College, 1904-6; B. S., *ibid.*, 1906; Honorable Mention in Economics; Phi Beta Kappa; Business, Peoria, 1906-8; Fruit Ranch, Hood River, Oregon, 1908—.

BRUNINGA, JOHN H., McGill Bldg., Washington, D. C.
Engineering; Laboratory Aid, Bureau of Standards, Washington, D. C., 1904-5; Draftsman, U. S. Navy Yard, 1905; Examiner, U. S. Patent Office, 1905-9; Student in Electrical Engineering, George Washington University, 1904-5; Patent Lawyer, 1909—.

CUTRIGHT, LOIS I., 314 S. 9th St., Salina, Kan.
Literature; Teacher, 1904-6; University of Chicago, 1906-7; Ph. B., *ibid.*, 1907; Teacher, High School, Salina, Kan., 1907—.

ELSBREE, FLORENCE A. (MRS. J. O. CHAMBERS), Pierson.
Classics; University of Chicago, 1904; Shurtleff College, 1904-5; A. B., *ibid.*, 1905; Head of Language Department, Greer College, 1905-6; Special Teacher at Harrison School, Peoria, 1906-7.

EVANS, ROLLA Q., 1030 17th St. N. W., Washington, D. C.
Science; Harvard University, 1904-6; Architectural Draftsman with Carrere & Hastings, of New York City, 1906-8; With Supervising Architect, U. S. Treasury, 1908—.

GORSLINE, WM. W., 1104 Aetna St., Burlington, Ia.
Science; University of Chicago, Summer, 1904; Graduate Student, Bradley Institute, 1904-5; University of Chicago, Summer and Fall, 1905; Summer, 1907-1909, B. S., *ibid.*, 1907; Instructor in Mathematics, High School, Goshen, Ind., 1905-7; Instructor in Senior Mathematics, High School, Burlington, Iowa, 1907—.

GRIGSBY, HARRY D., 518 Monroe St., Topeka, Kan.
Science; University of Illinois, 1904-6, B. S., *ibid.*, 1906; Assistant City Engineer, Santa Anna, Cal., 1906-7; Chemist, C. R. I. & P. R. R., 1907—.

HECKMAN, LILLIAN S. (MRS. R. W. POOL), Seattle, Wash.
Science; University of Chicago, 1904-6; Ph. B., *ibid.*, 1906.

HELMBOLD, IDA J., 711 North St., Peoria.
Classics; Teacher Peoria Schools, 1904—.

MAYER, SIMON, 2170 S. East St., Indianapolis, Ind.
Classics; University of Chicago, 1904-5; A. B., *ibid.*, 1905; Engineering Department, C. & N. W. R. R., Pierre, S. D., 1905-7; Instructor Manual Training, Indianapolis, Ind., 1907—.

MILLER, CHARLES W., 601 1st Ave., Peoria.
Literature; University of Michigan (Medical School) 1904-8; A. B., *ibid.*, 1906; M. D., *ibid.*, 1908; Interne at Allegheny General Hospital, Pittsburgh, Pa., 1908—.

MORGAN, HARRY D., 404 S. Spring St., Springfield.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention for Work in Senior College; Phi Beta Kappa; University of Chicago Law School, 1906-9; Member of Law Council, 1907-8; President of Senior Law Class, 1908-9; Secretary to Morton D. Hull, 46th General Assembly of Illinois, 1909—.

NEEF, FRANCIS J., Brown University, Providence, R. I.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; University of Louanne and Travel in Europe, 1905-6; University of Berlin, Summer Semester, 1906; University of Berlin, Winter Semester, 1906-7; University of Leipsic, Summer Semester, 1907; Graduate Student, University of Chicago, 1907-8; Fellow in German, *ibid.*, 1907-8; Instructor in German, Brown University, 1908-9; Instructor in German, Dartmouth College, 1909—.

OLMSTEAD, RALPH W., 5328 Indiana St., Austin.
Science; With Bartlett Frazier & Carrington, Chicago, 1900-8; With Jas. A. Patten, Chicago, 1908—.

PAUL, JOSEPH W., Watseka.
Engineering; Assistant in Manual Training, Rockford Schools, 1904-7; Instructor in Mechanical Drawing, Y. M. C. A. Night School, 1905-6; Graduate Student, Manual Training, Bradley Institute, 1907-8; Instructor in Manual Training, Wells School, Watseka, 1908—.

- RITCHIE, VONNA V. (MRS. DELOSS S. BROWN), 99 Barker Ave., Peoria.
Science; James Milliken School of Music, Decatur, Ill., 1904-5.
- ROCKWELL, IVA F., (MRS. GEO. E. McMURRAY), 414 Barker Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention, Member University Council; Assistant Ancient Languages, Bradley Institute, 1906-8.
- ROGERS, LULU E. (MRS. OTTO W. BOERS), Chillicothe.
Science; Teacher Peoria Schools, 1905.
- SPECK, CHARLES H., 117 Broadway, Peoria.
Engineering; Business, Peoria, 1904-6; University of Chicago Law School, 1906-9; Ph. B., *ibid.*, 1908; J. D., *ibid.*, 1909; Lawyer, Peoria, 1909—.
- STEMM, JOSEPHINE A., 514 St. James St., Peoria.
Literature; Teacher, Peoria Schools, 1904—.
- VANCE, MYRA L., 172 Institute Place, Peoria.
Literature; Teacher, Peoria Schools, 1907—.
- WILSON, EDNA L., 702 Maple Ave., Oak Park.
Literature; Teacher, Oak Park, Ill., 1905-7.

1905

- ARMSTRONG, JOHN E., Cleveland, Ohio.
Engineering; Cornell University, 1905-8; C. E., *ibid.*, 1908; with Pennsylvania Railroad, 1908—.
- BARTLEY, JOSEPH F., 1609 S. Adams St., Peoria.
Literature; Law Department University of Michigan, 1906; LL. B., *ibid.*, 1908; Lawyer.
- BECHT, FRANK C., 5426 Lexington Ave., Chicago.
Literature and Science; Winner University of Chicago Scholarship; University of Chicago, 1905-6; Fellowship in Physiology, *ibid.*, 1906-7; Assistant in Physiology, *ibid.*, 1907-8; Member of Sigma Xi; Publications American Journal of Physiology, "The Relation Between the Blood Supply to the Sub-maxillary Gland and the Character of the Chorda and the Sympathetic Saliva;" "Mechanism by Which Water Is Eliminated in the Active Salivary Glands;" "The Effect of Heat Upon Animal Tissue With Special Reference to Nerves."
- BOURLAND, FREDERICK B., 624 North Elizabeth St., Peoria.
Engineering; Printing Business, 1905; Engineering Department Briggs Real Estate Co., Los Angeles, Cal., 1906-7; Printing Business, Peoria, 1907—.
- BRISLEY, MABEL L., Elmwood, Neb.
Literature; Normal Training Class, Peoria High School, 1906-7; Teacher Peoria High School, 1906—; Correspondence Course, English, French and History, University of Chicago; Student, University of Chicago, 1909—.
- CATION, JENNIE G., 605 Bradley Ave., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Assistant in Domestic Economy, Lincoln Center, Chicago, Oct., 1906, to January, 1907; Manager's Assistant at the Home Delicacies Association, Chicago, January, 1907; Teacher, Home Economies, Loring School and Kenwood Institute, Chicago, 1907-8; Teacher of Domestic Science, Rockford Public Schools, 1908—.
- COOPER, MARILLA E., 415 Barker Ave., Peoria.
Literature; Oberlin College, 1905-7; *ibid.*, A. B., 1907; Teacher High School, Wyoming, Ill., 1907-8; Teacher, Peoria High School, 1908—.
- COPES, KATHERINE, Havana.
Science; Teacher in Tazewell County Schools, 1905-6; Teacher, Delavan, 1906-8; Teacher of History, High School, Havana, Ill., 1908—.
- CUTRIGHT, FLORENCE A., Fairfield.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1905-6; A. B., *ibid.*, 1906; Honorable Mention, *ibid.*; Teacher of Latin and English, Public Schools, Louisiana, Mo., 1907-8; Principal High School Fairfield, 1908—.

DICKSON, VICTOR H., 1411 Knoxville Ave., Peoria.
Engineering; Massachusetts Institute of Technology, 1905-7; B. Sc., *ibid.*, 1907; With Dickson & Co., Peoria, 1907-8; With H. G. MacClellan & Co., Chicago, 1908—.

EDWARDS, NETA G., 5642 Madison Ave., Chicago.
Literature; University of Chicago, 1905-7; Ph. B., *ibid.*, 1907; Teacher High School, Watseka, Ill., 1907-8.

HALE, VERA H., 6501 Kimbark Ave., Chicago.
Classics; Teacher, Mapleton, 1905-6; University of Chicago, Summer, 1906; Teacher, Dolton, 1906—; to receive degree of A. B., 1909.

HEYLE, ESSIE M., 127 Elmwood Ave., Peoria.
Science; Certificate in Domestic Economy, Bradley Institute, 1906; Teacher Domestic Economy, Bacon Mission, Peoria, 1906; Student, Simmons College, Boston, 1906-7; Teacher of Domestic Science, Public Schools, Kansas City, Mo., 1907—; Student, University of Chicago, Summer, 1908.

KANNE, VERONA E., 1119 Trenton St., Los Angeles, Cal.
Literature; Teacher Peoria Schools, 1905-6; Teacher of Domestic Science, Stimson Memorial School, Los Angeles, Cal., 1906-7; Los Angeles Public Schools, 1907—.

KEITHLEY, GILES E., 1601 Knoxville Ave., Peoria.
Science; Lake Forest University, 1905-7; A. B., *ibid.*, 1907; with Clark, Quien & Morse, 1908—.

LAGERGREN, GUSTAF P., 402 6th Ave., St. Cloud, Minn.
Literature; Draftsman Illinois Steel Bridge Co., Jacksonville, 1905-6; University of Chicago, 1906; Draftsman, Lyon & Healy, Chicago, April to October, 1907; Senior College Scholarship, University of Chicago, 1907; A. B., *ibid.*, 1908; Instructor in Mathematics and Mechanical Drawing, High School, St. Cloud, Minn., 1908—.

LYNCH, RALPH A., 515 Illinois Ave., Peoria.
Engineering; University of Illinois, 1905; A. B., *ibid.*, 1908; Chemist for Great Western Sugar Co., Eaton, Colo., 1908—.

OSBORNE, ISABEL M., 1103 Perry Ave., Peoria.
Literature; Student Domestic Science, Bradley Institute, and University of Illinois, 1906-9; Teacher, Peoria Schools, 1909—.

STRAESSER, MABEL S. (MRS. MABEL S. SHOFÉ), 163 Glenwood Ave., Peoria.
Science; Teacher Peoria Schools, 1905-8.

1906

BUCKLEY, MIRIAM E., 810 Glen Oak Ave., Peoria.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher Peoria Schools, 1907—.

COLBY, HENRY H., 703 12th Ave., Moline, Ill.
Science; Machinist, Granville, 1906, and Ottawa, 1907; Die Maker, Moline, 1908; Private Chauffeur, 1909—.

COLLINS, BERYL B., 514 Cheever Court, Ann Arbor.
Science; Law Department, University of Michigan, 1906; completes Law Course, 1909.

COWELL, JOSEPH G., 221 Crescent Ave., Peoria.
Science; Graduate Student, Bradley Institute, 1906-7; University of Illinois, 1907-8; Student, Museum of Fine Arts, Boston, Mass., 1908—.

DOUBET, MARY D., 107 Bigelow St., Peoria.
Classics; Teacher Peoria Schools, 1906—.

ELLIS, ELEANOR, 162 North Greenwood Ave., Peoria.
Literature; Winner University of Chicago Scholarship; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Cooking and Sewing, Public Schools, Kansas City, Mo., 1907—.

FARLEY, NELLIE R., 223 Crescent Ave., Peoria.
Literature; University of Missouri, 1906-8.

- FAST, BYRON M., 405 E. Green St., Champaign, Ill.
Science; Teacher of Manual Training, Grand Rapids, Wis., 1906-7; University of Illinois, 1907—.
- GREVES, GEORGE L., 1423 Glen Oak Ave., Peoria.
Science; Graduate Student in Chemistry, Bradley Institute, 1906-7; Teacher of Manual Training, Peoria Public Schools, 1907-8; Teacher of Science and Manual Training, Sleepy Eye, Minn., 1908—.
- HARRIS, JOSEPH W., Carbondale, Colo.
Science; Graduate Student Bradley Institute, 1906-7; With Westinghouse Electric Co., Pittsburg, Pa., 1907-8; Ranch, Carbondale, Colo., 1908—.
- HELMBOLD, JESSIE T., 711 North St., Peoria.
Science; Teacher Peoria Schools, 1906—.
- HAYES, VERA J., 227 Missouri Ave., Peoria.
Literature; Northwestern University, 1906-8; A. B., *ibid.*, 1908; Teacher Peoria Public Schools, 1908—.
- HEYLE, FRANKLIN T., 127 Elmwood Ave., Peoria.
Engineering; University of Illinois, 1906—.
- HUNTER, EDITH A. (MRS. RAY KUNKLE), Tremont.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher Carrollton, Ill., 1906-7; Teacher Domestic Science, Peoria Public Schools, 1907-8.
- KENDALL, J. ORVILLE, 1104 5th Ave., Peoria.
Science, With Avery Co., 1906—.
- KIRKPATRICK, MADGE I., 609 North Jefferson Ave., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Algebra and Domestic Economy, Pekin High School, Pekin, Ill., 1907-8; Student, Lake Forest College, 1908—.
- LUKENS, JOHN E., 126 S. Ash St., Ottumwa, Ia.
Science; Teacher of Science, High School, Chariton, Ia., 1906—; Student University of Iowa, Summer, 1908.
- LYDING, HARRISON A., 6154 Ellis Ave., Chicago.
Science; Winner University of Chicago Scholarship; University of Chicago, 1906-8; Senior College Scholarship, *ibid.*, 1907-8; B. S., *ibid.*, 1908.
- MILLS, HELEN S., Cor. Broadway and Moss Ave., Oakland, Cal.
Science; Student Assistant in Chemistry, Bradley Institute, 1906-7; Fabiola Hospital, Oakland, Cal., 1908—.
- NEILL, LOUIE A., Peoria.
Engineering; Draftsman American Hardware Co., Ottawa, 1906-7; With Lake Superior & Southern R. R., 1907-8; Peoria Gas & Electric Co., 1908—.
- PHILLIPS, IRENE L., Washburn.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Stark, Ill., 1907-8; Principal High School, Washburn, Ill., 1908—.
- ROCKWELL, FLOY E., 314 North St., Normal, Ill.
Literature; Illinois Wesleyan University, 1907-9; to receive A. B., 1909.
- SHEA, EDNA E., 335 Henry St., Peoria.
Literature; Teacher Peoria Schools, 1906—.
- SIMMS, FRED S., 118 Pennsylvania Ave., Peoria.
Mechanic Arts; University of Illinois, 1906-7; Business, Peoria, 1907-8; to receive degree of B. S., 1909.
- TINEN, MARY E., 211 Sumner Ave., Peoria.
Literature; Teacher Peoria Schools, 1906—.
- TOBIAS, AGNES M., 426 North St., Peoria.
Literature; Special Teacher of Drawing, Glen Oak School, Peoria, 1906-8; Drawing and Manual Training, Longfellow School, 1908—; Student, Summer School, Bradley Institute, 1907.
- WRIGHT, LELA M., 1116 Central Ave., Hot Springs, Ark.
Literature; University of Chicago, 1906; Ph. B., *ibid.*, 1908; Teacher of German, High School, Hot Springs, Ark., 1908—.

TEACHERS' CERTIFICATE.

DAVISON, CHARLES R., 437 Jefferson, Bellevue, Pa.
Teacher of Manual Training, Allegheny, Pa., 1906-7; Bellevue, Pa., 1907—.

GOLDSMITH, MAUD, 402 S. School St., Normal.
Supervisor of Manual Training in Grade Schools and High School, Bloomington, Ind., 1906-8; Assistant in Manual Arts, State Normal University, Normal, 1908—.

McNABNEY, CHARLES, 1721 Boyelston St., Seattle, Wash.
Teacher of Manual Training, Lincoln High School, Seattle, Wash., 1906—.

WRIGHT, MARY ALICE, 1124 First St., Springfield.
Teacher of Manual Training, Teachers' Training School, Springfield, 1906-7; Assistant Supervisor of Manual Training and Drawing, Public Schools, Bloomington, Ind., 1907-8; Manual Training in District Schools, Indianapolis, Ind., 1908—.

The Certificate in Domestic Economy was conferred upon Jennie E. Cation, Essie M. Heyle, Edith A. Hunter and Hertha Tjaden, whose records will be found on preceding pages.

1907

BAKER, ARTHUR E., 1212 South Adams St., Peoria.
Science; Medical School; University of Michigan, 1907—.

COALE, WILLIS B., 511 Machin St., Peoria.
Classics; Teacher Tazewell Co., 1907—.

FELTGES, EDNA M., 521 New York Ave., Peoria.
Literature; Teacher, Edelstein, 1907-8; Teacher, High School, Glasford, 1908—.

GRANT, SARAH J., 412 Pennsylvania Ave., Peoria.
Literature; Art Institute, Chicago, 1907-8; Assistant Supervisor of Drawing, Peoria Public Schools, 1908—.

HARTE, LOUISE W., Minonk.
Literature; Teacher, Glasford, Ill., 1907-8; Chillicothe, 1908—.

HAUK, GRACE E., 711 Seventh Ave., Peoria.
Classics; Winner University of Chicago Scholarship; Iowa Library School, Summer, 1907; University of Chicago, Summer, 1908; Librarian and Assistant in English, Bradley Institute, 1907—.

HAYWARD, JAMES C., 409 Dechman Ave., Peoria.
Science; Student Cornell University, 1907—.

KELLAR, HERBERT A., 6400 E. 60th St., Chicago.
Classics; University of Chicago, 1907-9; to receive A. B., 1909.

MILLER, FREDERICK F., 613 Packard St., Ann Arbor, Mich.
Science; Medical School, University of Michigan, 1907—.

O'BRIEN, EDNA M., Morton.
Science.

PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Literature; Graduate Student, Bradley Institute, 1907-8; Student Assistant in Chemistry, *ibid.*, 1908-9.

RIDER, ELIZABETH, Pekin.
Literature; Teacher High School, Chillicothe, 1907—.

ROBINSON, EULALIA, Goodfield.
Literature; Teacher, Goodfield, 1907-8; Student, Dennison University, 1908—.

ULRICH, LINA S., 118 Maplewood Ave., Peoria.
Literature; Mt. Holyoke College, 1907—; to receive degree of B. L., 1909.

WOOLNER, ROSE, 910 North Madison, Peoria.
Literature; University of Chicago, 1907-8; Ph. B., *ibid.*, 1908; Assistant in German, Peoria High School, 1908—.

TEACHERS' CERTIFICATE.

BOWMAN, BERTHA R., Mt. Carroll.
Teacher of Domestic Science, Frances Shimer Academy, Mt. Carroll,
1907—.

ELLIS, ELEANOR, 162 N. Glenwood Ave., Peoria.
Teacher of Domestic Science, Public Schools, Kansas City, Mo., 1907—.
(See Class of 1906.)

FRANCIS, MYRTLE D., Mankato, Minn.
Teacher of Domestic Science, Girls' Industrial School, Evanston, Octo-
ber to March, 1907; Teacher, School of Domestic Arts and Science, Chicago,
March, 1907-8; Supervisor of Domestic Science, Mankato, Minn., 1908—.

KIRKPATRICK, MADGE I., 608 N. Jefferson Ave., Peoria.
Teacher of Algebra and Domestic Science, Pekin, Ill., 1907-8. (See Class
of 1906.)

NELSON, ALMA E., Stillwater, Minn.
Teacher of Manual Training, Valley City, N. D., 1907—.

TEFFT, MARY E. (MRS. CHARLES R. DAVISON), 437 Jefferson, Bellevue, Pa.

1908

BAILEY, MARTHA, 909 Knoxville Ave., Peoria.
Literature.

BECKER, HARRY S., 215 N. Douglas, Peoria.
Engineering; Business, Peoria, 1908—.

BEECHER, BENJAMIN S., 304 Frye Ave., Peoria.
Literature; Student, University of Wisconsin, 1908—.

BOHL, FRANCIS J., Humboldt, Ia.
Science; Teacher, Humboldt College, 1908—.

DWINELL, MERRILL MCA., 227 E. Armstrong, Peoria.
Literature; Teacher, Averyville School, 1908—.

EASTON, SIDNEY H., 212 Third Ave., Peoria.
Science; Student, University of Chicago, 1908—.

FABER, MARION, 118 E. Armstrong Ave., Peoria.
Classics; Student, Leland Stanford University, 1908—.

FULFORD, A. EDNA, 513 Russell, Peoria.
Science; Student in Domestic Science, Bradley Institute, 1908—.

GEACH, LAURA E., 911 Chambers, Peoria.
Literature; Teacher, Averyville Schools, 1908—.

GRANT, MARTHA I., 412 Pennsylvania, Peoria.
Literature; Student, University of Chicago, 1908—.

GREGG, HAZEL, 510 Fourth Ave., Peoria.
Literature; Teacher, Peoria Schools, 1908—.

GRIFFIN, HARRY K., Washington, D. C.
Science; Aid, Bureau of Standards, 1908—.

HANNAM, EMMA L., 919 N. Glendale Ave., Peoria.
Science; Teacher, Peoria Public Schools, 1908—.

HAYWARD, MARGUERITE B., 206 S. Douglas, Peoria.
Classics; Teacher, High School, Tremont, 1908—.

HILLER, WILLIAM G., 916 Glen Oak, Peoria.
Engineering; Student, University of Illinois, 1908—.

LYNCH, HAROLD W., 515 Illinois, Peoria.
Engineering; Student, University of Illinois, 1908—.

- MAHLE, GEORGE C., Pekin, Ill.
Classics; Teacher, Tazewell County Schools, 1908—.
- MASON, CHARLES G., 203 E. Armstrong, Peoria.
Classics; Student, University of Chicago, 1908—.
- MACDONALD, ALEXANDER, 503 Seventh Ave., Peoria.
Engineering; Teacher of Mechanical Drawing, High School, Kansas City, Kan., 1908—.
- MORRIS, BESSIE M., 900 Knoxville Ave., Peoria.
Literature; Student, Bradley Institute Fall and Winter, 1908; Teacher, Peoria Public Schools, Spring, 1909.
- MUIR, ELLEN A., 535 Linn, Peoria.
Literature; Graduate Student, Bradley Institute, 1908—.
- MURDUCK, R. KENNETH, Champaign, Ill.
Engineering; Student, University of Illinois, 1908—.
- MOSS, M. ETHELWYN, Peoria.
Science; Graduate Student, Bradley Institute, Fall, 1908; Teacher Peoria Public Schools, 1908—.
- RADLEY, OLIVE E., 316 Barker, Peoria.
Literature; Teacher, Peoria Public Schools, 1908—.
- ROCKWELL, REXIE, 117 W. Armstrong, Peoria.
Classics; Teacher, Peoria County Schools, 1908—.
- SPURCK, ROBERT M., Prospect Ave., Peoria.
Engineering; Student, University of Illinois, 1908—.
- STRAESSER, CLARENCE W., 220 N. Institute, Peoria.
Literature; Business, Peoria, 1908—.
- WERCKLE, FRANK W., 220 N. Garfield, Peoria.
Mechanic Arts; Graduate Student, Bradley Institute, 1908-9.

TEACHERS' CERTIFICATE.

- CARTER, LEONA F., Lewistown.
Curtis, John W., Helena, Mont.
Supervisor of Manual Training, Helena, Mont., 1908—.
- GRIMM, EDITH L., Salina, Kan.
Teacher of Manual Training, Salina Public Schools, 1908—.
- KRAEGER, BERTHA E., Pekin.
Teacher of Domestic Science, Pekin Schools, 1908—.
- LINDSAY, TASSO, Oak Park.
Teacher of Manual Training, Public Schools, Oak Park.
- PAUL, JOSEPH W., Watseka.
Teacher of Manual Training, Wells School of Manual Training, Watseka, 1908—.
- PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Student Assistant in Chemistry, Bradley Institute, 1908—.
- SELVIDGE, ROBERT W., Columbia, Mo.
Professor of Manual Training, University of Missouri, 1908—.
- SIEPERT, ALBERT F., Maryville, Mo.
Teacher of Manual Training, Normal School, Maryville, Mo., 1908—.
- WILLIAMS, MARY E., Marion, Ind.
Teacher of Manual Training, City Schools, Marion, Ind.

LIST OF STUDENTS

GRADUATE

Fulford, Edna A.....	Peoria	Muir, Ellen A.....	Peoria
Goldsmith, Maud.....	Saginaw, Mich.	Patterson, Laura G.....	Peoria
Morris, Bessie M.....	Peoria	Werckle, Frank W.....	Peoria
Moss, M. Ethelwyn.....	Peoria		

COLLEGE

Aicher, Frank J.....	Washburn	Everley, Harold E.....	Wenona
Allison, Etta M.....	Lerna	Fauble, Luella K.....	LaMoille
Angier, Carroll W.....	Litchfield, Minn.	Fritze, Lucius A.....	Peoria
Arlitt, Carl W.....	Austin, Texas	Gooding, Frank E.....	Peoria
Atkinson, Helen.....	Peoria	Haig, Lealdas.....	LeRoy
Atwood, Charles A.....	Alta	Hale, Susie B.....	Peoria
Badger, Ozro B.....	Sullivan, Ind.	Harris, David E.....	Seward
Balcke, Olive A.....	Quincy	Hartz, Warren V.....	Reading, Pa.
Ballenger, Harold A.....	Tremont	Heckman, Constance C.....	Peoria
Baughman, Bertha.....	Peoria	Helmbold, Louise M.....	Peoria
Baumgartner, Grover C.....	Peoria	Heyle, Allen W.....	Peoria
Becker, Meta.....	Peoria	Hidalgo, Augusto.....	Manila, P. I.
Belsley, Olga C.....	Peoria	Hodges, Nell.....	Amboy
Bennett, William R.....	Peoria	Houston, Charles A.....	Princeville
Bibo, Anna.....	Alta	Howard, Geisert A.....	Peoria
Bickerman, Gertrude M.....	Henry	Hudson, William H.....	Peoria
Boniface, Vivian.....	Peoria	Hutter, George F.....	Wilkesbarre, Pa.
Botto, Susanne J.....	Peoria	Johnson, Genevieve N.....	Peoria
Bower, Harry G.....	Sault Ste. Marie, Mich.	Kamman, Elva.....	Peoria
Brown, Claude E.....	Peoria	Keas, Clela M.....	Peoria
Brown, Hazel M.....	Peoria	Keithley, Amy.....	Peoria
Carson, Roy P.....	Peoria	Kellar, G. Gordon.....	Peoria
Case, Bertha.....	Peoria	Keller, Roy A.....	Ohio City, O.
Cashin, Bernadette M.....	Peoria	Kellogg, Susan A.....	Peoria
Cation Anna L.....	Peoria	King, Myra H.....	Peoria
Causey, Frederick A.....	Pekin	Klotz, Harry J.....	Peoria
Clark, Grace C.....	New Albany, Ind.	Knapp, Marie A.....	Pekin
Clarke, Harley L.....	Cleveland, O.	Kurtz, Edward.....	Olney
Coen, Eleanor.....	Normal	Lee, Grace E.....	Peoria
Conway, Lynch.....	Peoria	Leininger, Myrtle M.....	Elkhart, Ind.
Cooper, Hugh E.....	Peoria	Lidle, Irene C.....	Peoria
Cooper, Ruth L.....	Peoria	Lindeburg, Frederick G.....	Peoria
Craig, Ethel B.....	LeRoy	Lloyd, Frances M.....	Peoria
Craig, Robert C.....	Peoria	Love, Edith B.....	Peoria
Christman, Emanuel M.....	Peoria	Magaret, Melitta A.....	Peoria
Cushing, Edward A.....	Peoria	Malling, Hattie J.....	Peoria
DeLent, Louise I.....	Peoria	Mason, Lester R.....	Peoria
Dombroski, Walter.....	Peoria	McLemore, William D.....	Mason City
Donathen, Erma.....	Peoria	McNamara, Omega E.....	Peoria
Donaldson, Edgar B.....	Carrollton, O.	Millen, Ralph G.....	Biggsville
Donley, Edgar B.....	Peoria	Miller, Alvin H.....	Ida Grove, Ia.
Dougherty, Edwin L.....	Liberty, Ind.	Miller, Cora B.....	Toulon
Dusten, Eleanor I.....	Princeville	Minton, John P.....	Peoria
Ebaugh, Glenn M.....	Peoria	Moschel, Irma M.....	Washburn
Estep, Bessie L.....	Peoria	Munns, Edward M.....	Peoria
		Myers, Medora.....	Peoria

Nichols, Herbert S.....	Tremont	Sherwood, Ruth R.....	Peoria
Nicolen, Dale W.....	Detroit, Mich.	Shields, Stella.....	Monon, Ind.
Persinger, Elizabeth.....	Bushnell	Shoop, William M.....	Peoria
Pfeffinger, Carl L.....	Peoria	Snyder, Wallace.....	Elmwood
Pfeiffer, Benjamin S.....	Peoria	Stonier, Fannie F.....	Toulon
Plowe, Robert.....	Peoria	Strehlow, Sanchen G.....	Peoria
Reed, Iva V.....	Peoria	Summers, Ethel M.....	Elmwood
Rhyan, Ivah M....	Terre Haute, Ind.	Taylor, Raymond A....	Burlington, Ia.
Richmond, Marguerite.....	Peoria	Tompkins, Edward R....	Bloomington
Rockwell, Lynn D.....	Lena, N. Y.	Traeger, Carl A.....	Burlington, Ia.
Russell, Margaret L.....	Decatur	Triebel, Martha D.....	Peoria
Sanford, Floyd E.....	Peoria	Ulrich, Julia M.....	Peoria
Scherling, Frieda H....	Elkhart, Ind.	Voorhees, Julia H.....	Peoria
Schlieper, Marcus H....	Ida Grove, Ia.	Wagner, Harold W.....	Peoria
Schnebly, Merrill I.....	Peoria	Waters, Margaret..	Terre Haute, Ind.
Schoettler, Arthur E.....	Galesburg	Wead, Grace E.....	Peoria
Schwartz, Florence L.....	Peoria	Welles, Paul T.....	Elmwood
Schweitzer, Harry E.....	Peoria	Westlake, Ella C.....	Springfield
Sengenberger, Ina C.....	Peoria	White, Onalise.....	Peoria
Seymour, Ralph L..	Plainville, Conn.	Wing, Bristol E....	Muskegon, Mich.

HIGHER ACADEMY

Allen, Ruth.....	Peoria	Fenelon, William W.....	Peoria
Anderson, Edward G.....	Peoria	Flood, Wilbur E.....	Peoria
Apple, Charles H.....	Peoria	Ford, Walter K.....	Edwards
Badgley, Donald L.....	Peoria	Forrest, Wilbur S.....	Peoria
Bailey, Joseph F., Jr....	Lindenwood	Franzen, Theodore J.....	Peoria
Batchelder, Joseph H.....	Peoria	Gibson, Anna L.....	Peoria
Baughman, Caroline C.....	Peoria	Giessler, William C.....	Peoria
Bavington, Elizabeth M....	Edelstein	Goldstein, Ruby M.....	Peoria
Berger, Hazel M.....	Peoria	Goss, John M.....	Peoria
Bibo, Mary.....	Alta	Goss, Frances H.....	Peoria
Biedenfeld, Eduard von....	Granville	Grier, Samuel C.....	Peoria
Block, Agnes S.....	Peoria	Hale, Augusta M.....	Peoria
Botts, Hazel M.....	Peoria	Haller, Marcia.....	Peoria
Brickner, Henry E.....	Peoria	Harmen, Harris J.....	Peoria
Buchanan, Florence E.....	Peoria	Harms, Olive V.....	Peoria
Buchner, Genevieve P.....	Peoria	Hauk, Arsina G.....	Peoria
Buckner, Warren J.....	Peoria	Heald, Dean A.....	Canton
Bunn, Loring T.....	Peoria	Heintzman, Rudy H.....	Metamora
Burgess, Helena.....	Peoria	Herschel, Paul E., Jr.	Peoria
Campbell, Howard A.....	Peoria	Heyle, Bernice.....	Peoria
Capperrune, Roe.....	Bradford	Hicken, Rudolph H.....	Peoria
Carrithers, Edgar V.....	Fairbury	Hunter, Mary E.....	Peoria
Cashin, Kathleen M.....	Peoria	Hunter, James A.....	Peoria
Coleman, Bessie M.....	Hennepin	Iben, Reinhardt.....	Peoria
Cornelison, Robert G.....	Peoria	Jackson, Ralph H.....	Belleville, O.
Crabill, Walter B....	Monroeville, Ind.	Johnson, Anna M.....	Peoria
Davis, Ralph E.....	Peoria	Johnson, Catherine.....	Peoria
Davison, Otto A.....	Peoria	Kamman, Meta M.....	Peoria
DeLent, Adelina M.....	Peoria	Keithley, Lily L.....	Peoria
Donley, Marie D.....	Peoria	Kelly, Pearl A.....	Canton
Droll, Robert L.....	Mossville	Kelly, Carrie M.....	Canton
Drury, Florence A.....	Peoria	Kenyon, Fred N.....	Peoria
Durley, L. Howard.....	Hennepin	Kilby, Hubert S.....	Minier
Eckstein, Henry C.....	Peoria	Kuhl, John H.....	Peoria

Kurtz, Beatrice M.....	Peoria	Plowe, Marjorie.....	Peoria
Lord, Leslie S.....	Peoria	Potter, Ruth E.....	Peoria
Love, Jean H.....	Peoria	Raymond, George L.....	Peoria
Lucas, Eda I.....	Peoria	Reynolds, Cora B.....	Peoria
Major, Ruth K.....	Mattoon	Rutherford, Edith.....	Peoria
Maple, Lucile E.....	Peoria	Schenck, Roger.....	Peoria
McCullough, Harold D.....	Peoria	Scranton, Charles J.....	Peoria
McDonald, Harry T.....	Peoria	Sengenberger, Ella C.....	Peoria
McDonald, Mabel C.....	Trivoli	Seth, Shun-Tock.....	Chicago
McLaughlin, Margaret K.....	Fayetteville, Tenn.	Sewrey, Ursen R.....	Grand Rapids, Mich.
McMeen, James M.....	Peoria	Shemel, Veffie P.....	Tremont
Mercer, Frank G.....	Peoria	Skillen, Lawrence E.....	Peoria
Mercer, Jessie E.....	Peoria	Smith, Frank D.....	Peoria
Meidroth, Leslie E.....	Peoria	Speck, Josephine E.....	Peoria
Morrison, Lela E.....	Peoria	Spence, Frederick M.....	Elmwood
Neal, Walter E.....	Chillicothe	Spence, Hazel N.....	Elmwood
Nicol, Jean.....	Peoria	Sprague, Mary A.....	Peoria
Nixon, Helen M.....	Peoria	Stowell, Margaret D.....	Edelstein
Park, Arthur W.....	Peoria	Strehlow, Paul V.....	Peoria
Parker, Bennett R.....	Peoria	Thomas, Helen S.....	Peoria
Parker, Mildred J.....	Peoria	Thomas, Verra M.....	Peoria
Paul, Helen L.....	Peoria	Todhunter, Florence J.....	Peoria
Persons, Myron B.....	Denver, Colo.	Vestal, Harry.....	Warsaw
Plack, Theodore.....	Oak Hill	Voorhees, Daniel W., Jr.....	Peoria
		West, G. Wallace.....	Carthage, Mo.

LOWER ACADEMY

Allen, George E.....	Peoria	Bushel, Zella M.....	Peoria
Anderson, Grace L.....	Peoria	Cain, William L.....	Peoria
Apple, Mary S.....	Peoria	Calkin, Ruth A.....	Crescent City
Aylward, James T.....	Peoria	Campen, Frida M.....	Peoria
Badgley, Laurie C.....	Peoria	Campen, Walter G.....	Peoria
Bailey, Ruth.....	Peoria	Carter, Charles E.....	Peoria
Barnett, Robert V.....	Peoria	Cartwright, Benjamin F.....	Peoria
Barton, Winifred.....	Bartonville	Cashman, Edward E.....	Peoria
Baumgartner, Gladys S.....	Havana	Cation, Howard D.....	Peoria
Becker, Alice R.....	Peoria	Clark, Emily K.*.....	Peoria
Bennett, Howard G.....	Peoria	Clark, Ethel C.....	Peoria
Benton, Emily R.....	Peoria	Clark, Thomas R.....	Peoria
Berg, Frank F.....	Peoria	Cockle, Elizabeth.....	Peoria
Berg, Moritz E.....	Peoria	Coffey, Isabella.....	Peoria
Birge, Walter C.....	Peoria	Colwell, Rena V.....	Chillicothe
Block, Harriet F.....	Peoria	Cornelison, Agnes F.....	Peoria
Bloom, Walter E.....	Peoria	Cross, Mattie A.....	Forest City
Boniface, Lionel.....	Peoria	Cross, Sarah A.....	Forest City
Brande, Edward E.....	Grinnell, Ia.	Culver, Anna L.....	Peoria
Brode, Winifred H.....	Peoria	Culver, Dorothy E.....	Peoria
Brown, Asa M.....	Peoria	Dappert, John R.....	Taylorville
Bruns, Columbia M. C.....	Peoria	Dappert, Ray O.....	Taylorville
Buchner, Oren S.....	Peoria	Davis, Robert N.....	Peoria
Buckley, Mary F.....	Peoria	Day, Herbert.....	Peoria
Burns, Hazel O.....	Peoria	Deady, Bridget M.....	Peoria
Burrill, Frances A.....	Peoria	DeVault, Howard I.....	Peoria
Bushel, Walter A.....	Peoria	DeWeerth, Alma M.....	Peoria

*Deceased.

Dombrowski, Elsa.....	Peoria	Jacquín, Homer S.....	Peoria
Dombrowski, Flora.....	Peoria	Johnson, Alfred.....	Bishop Hill
Drury, Bernice.....	Peoria	Johnston, Robert F.....	Vienna
Duerkop, Carl F.....	Sutter	Joseph, Earl.....	Peoria
Dunn, Eva M.....	Wyoming	Kent, George W.....	Peoria
Early, Carl A.....	Peoria	King, Hazel L.....	Peoria
Ellis, John O.....	Peoria	Kook, Minnie J.....	Peoria
Farra, Ruth S.....	Peoria	Krumsieg, Edna E. S.....	Peoria
Faber, Katherine.....	Peoria	Lester, William J.....	Peoria
Fisher, Anna M.....	Peoria	Litchfield, Rollin J.....	Toluca
Foreman, Lucile.....	Peoria	Macdonald, Hugh.....	Peoria
Foster, Emma M.....	Peoria	Marcus, Raymond J.....	Peoria
Fox, Ray S.....	Peoria	Marsh, May G.....	Peoria
Fox, Virginia.....	Peoria	Marshall, Lillian.....	Peoria
Fox, Walter S.....	Peoria	Martin, Effie L.....	Peoria
Francis, Sylvia D.....	Trivoli	Martin, John E.....	Peoria
Franks, Danforth W.....	Peoria	Matthew, Hazel E.....	Peoria
Fritts, Minnette.....	Peoria	McClallen, Velma E.....	Peoria
Fritts, Rayland T.*.....	Peoria	McClintick, William H.....	Peoria
Garber, Nellie.....	Peoria	McCullough, Rosco W.....	Eden
Garrett, Una M.....	Peoria	Mercer, Ruth J.....	Peoria
Gedney, Bernice E.....	Peoria	Merkle, Lucas G.....	Peoria
Gipps, Della T.....	Peoria	Miller, Olga F.....	Peoria
Glasgow, Mildred A.....	Peoria	Miskimen, Ruth.....	Peoria
Gordon, Clarence A.....	Peoria	Mooberry, Irene C.....	Morton
Gordon, Myrtle O.....	Peoria	Moore, Blanche I.....	Peoria
Graner, Richard F.....	Peoria	Mount, Paul.....	Peoria
Gray, Eugene A....	West Branch, Ia.	Mount, Earnest E.....	Peoria
Green, James B.....	Edelstein	Mustard, Marie T.....	Peoria
Greves, Ross B.....	Peoria	Nailon, Honora A.....	Peoria
Hakes, Laura L.....	Peoria	Neal, Rosco R.....	Chillicothe
Hancock, Hazel L.....	Peoria	Oechsle, Sarah U.....	Peoria
Hanna, Howard H.....	Peoria	Oliver, Bernice.....	Peoria
Harms, William G.....	Peoria	Parker, Theodora C.....	Peoria
Heald, Helen M.....	Peoria	Paul, Herbert B.....	Peoria
Hearst, Robert E.....	Peoria	Pennewell, Gilbert W....	Washington
Heck, Hazel L.....	Peoria	Pfeiffer, Joseph S.....	Peoria
Heckman, Grace.....	Peoria	Phelps, Richard E.....	Peoria
Henne, Arthur F.....	Peoria	Pindell, Frances A.....	Peoria
Herrell, Sarah E.....	Peoria	Plowe, Dorothy.....	Peoria
Herron, Mary W.....	Peoria	Poole, Malcom A.....	Peoria
Herschell, Emma M.....	Peoria	Potter, Mabel M.....	Peoria
Herschel, Arthur.....	Peoria	Potter, Edith L.....	Peoria
Hicken, John H.....	Peoria	Reed, Vesta.....	Peoria
Hillis, Berenice K.....	Peoria	Reiley, Philips M....	Wilkesbarre, Pa.
Hine, Allen T.....	Peoria	Reitz, Marguerite L.....	Peoria
Hitchcock, Charles B.....	Peoria	Ringness, Zella M.....	Peoria
Hoffman, George H.....	Tremont	Robison, Boisee A.....	Peoria
Holmes, Charles W.....	Chillicothe	Rogers, Ruth.....	Peoria
Holmes, John S.....	Chillicothe	Rolf, Erma T.....	Peoria
Horton, Eugene E.....	Peoria	Schaumleffle, Vera A.....	Peoria
Howland, Winfield H.....	Peoria	Schimpff, Herman C.....	Peoria
Hunter, Wyman.....	Peoria	Schnebly, Farrell C.....	Peoria
Isom, Eva L.....	Peoria	Schnellbacher, Frederick L....	Peoria
Jack, Elaine F.....	Peoria	Schwentser, Marcella F.....	Peoria

*Deceased.

Scholes, Jessie M.....	Peoria	Walker, Frances F.....	Peoria
Secretan, Charlotte R.....	Peoria	Walker, Lucile.....	Peoria
Sherwood, Abigah M.....	Peoria	Weerts, Edward W.....	Peoria
Smith, Hazel H.....	Peoria	Weerts, Gerhard.....	Peoria
Spring, Harry A.....	Peoria	Werckle, James H.....	Peoria
Spurck, Clara A.....	Peoria	Wheeler, Helen Grace.....	Peoria
Stephens, Bertha M.....	Peoria	Widmeyer, Ralph C.....	Peoria
Steele, Anna M.....	Peoria	Williams, Ruth D.....	Peoria
Stowell, Armina.....	Peoria	Wilson, Earl V.....	Peoria
Strehlow, Margaret A.....	Peoria	Wilson, Wayne, Jr.....	Peoria
Strehlow, Nettie.....	Peoria	Wolfner, Josephine.....	Peoria
Sullivan, George M.....	Peoria	Wolfner, Rose.....	Peoria
Tefft, Chas. B.....	Peoria	Woolner, Helen R.....	Peoria
Turner, George E.....	Peoria	Zaepfel, Fred.....	Peoria
Voorhees, Fern.....	Peoria		

UNCLASSIFIED

Adams, Mrs. E. J.....	Peoria	Ernest, Edna.....	Peoria
Adams, Florence.....	Peoria	Geiger, Mabel.....	Peoria
Ball, Susie J.....	Peoria	Gower, Mrs. E. H.....	Peoria
Balzer, Mrs. W. J.....	Peoria	Lewis, Mrs. A. M.....	Peoria
Bartels, Eva.....	Peoria	Leisy, Mrs. A. E.....	Peoria
Becker, Margaret.....	Peoria	Maple, Ethel L.....	Peoria
Blair, Anna T.....	Peoria	Marshall, Birdie A.....	Peoria
Bowen, Mrs. E. R.....	Peoria	McDonald, Catherine E.....	Peoria
Bowsher, May.....	Terre Haute, Ind.	Peterson, Minnie.....	Peoria
Boyer, Mrs. Minna.....	Peoria	Pfeiffer, Charlotte L.....	Peoria
Brewer, Eva.....	Peoria	Robinson, John R.....	Peoria
Burgar, Mrs. Ida.....	Peoria	Rosenbarger, Norman E.....	Cincinnati, O.
Burnside, Mary.....	Monmouth	Simmons, Mrs. G. F.....	Peoria
Bush, Mrs. E. J.....	Peoria	Thurlow, Mrs. Luther W.....	Peoria
Calhoun, Carrie.....	Peoria	Turman, Thomas J.....	Graysville, Ind.
Clauson, Katherine.....	Peoria	Wittmer, Ida.....	Morton
Clover, Ora.....	Clinton, Ind.	Woodward, Mrs. F. A.....	Peoria
Conway, Daisy.....	Peoria	Wynd, Emma F.....	Peoria
Dauber, Mrs. J.....	Peoria	Wynd, Mrs. John C.....	Peoria
Enos, Ethel.....	Peoria		

SUMMER SCHOOL

Arthur, Corwin G.....	Mt. Washington, O.	Butterfield, Howard F.....	Pittsburg, Kan.
Asher, Lola O.....	Terre Haute, Ind.	Calhoun, Carrie.....	Peoria
Badger, Ozro B.....	Sullivan, Ind.	Carpenter, Lewis M.....	Lena, Ill.
Badgley, Laurie C.....	Peoria	Carr, Arthur E.....	Durango, Colo.
Bailey, Myron E.....	Cumberland, Md.	Chamberlain, Clarke E.....	Peoria
Baker, Mrs. Elizabeth V.....	Peoria	Clarke, Harley L.....	Cleveland, O.
Balcke, Olive A.....	Quincy, Ill.	Clink, Bertha.....	Pueblo, Colo.
Bane, Elmo B.....	Muskegon, Mich.	Clinton, DeWitt.....	Devil's Lake, Mich.
Bascom, Mrs. Margaret F.....	Peoria	Cottell, Louisa.....	Chicago, Ill.
Baughman, Bertha.....	Peoria	Courtright, Mrs. Nellie A.....	Cairo, Ill.
Beman, Lynn W.....	Cleveland, O.	Cruikshank, Lewis W.....	Reading, Pa.
Berry, Walter S.....	Glendale, O.	Curron, Fred L.....	Westfield, Wis.
Bilger, Richard G.....	Cincinnati, O.	Curtis, John W.....	Helena, Mont.
Bovingdon, Sidney.....	Seattle, Wash.	Deady, Bridget.....	Peoria
Burdette, Kate A.....	Homestead, Pa.	Deits, Harry L.....	Aberdeen, S. D.

- Ditewig, Gladys A.....Peoria
 Dixon, Laura B...Bloomington, Ind.
 Earnest, Edna L.....Peoria
 Everly, Harold E.....Wenona, Ill.
 Emry, Clark.....Canton Ill.
 Feltges, EdnaPeoria
 Flagler, Lawrence A.....Peoria
 Flinn, Gertrude.....Admire, Kan.
 Fludder, Raymond O...Detroit, Mich.
 Foth, George F....Jersey City, N. J.
 Frazer, Goldie E.....Peoria
 Fulford, Edna A.....Peoria
 Gaskins, Monnie A.Cumberland, Md.
 Gearhart, Anna F.....Quincy, Ill.
 Geiger, Mabel L.....Peoria
 Gleason, Bridget C.....Peoria
 Grant, John F.....Whitewater, Wis.
 Greenleaf, Wm. L...Aberdeen, Wash.
 Greves, George L.....Peoria
 Grocock, Robert.....Seattle, Wash.
 Groshong, Fred M...Portland, Ore.
 Haight, Mary E...Cedar Rapids, Ill.
 Hall, Mary L.....Cincinnati, O.
 Hawk, Pearl J.....Fairbury, Ill.
 Hathaway, F. B.....Oshkosh, Wis.
 Haupt, William H.....
 Cape Girardeau, Mo.
 Hepworth, Marion M.....
 Burlingame, Kan.
 Herr, Louis A.....Fortville, Ind.
 Hifner, William D.Independence, Mo.
 Holder, F. N.....Cincinnati, O.
 Hosack, Edwin W...Little Rock, Ark.
 Howe, George K.....Atlanta, Ga.
 Hughes, Fred C.....Carbondale, Ill.
 Hutters, August M.....
 Cape Girardeau, Mo.
 Iler, Harry E.....Peoria
 Jones, L. Joseph....Des Moines, Ia.
 Jones, W. Morris..Bloomington, Ill.
 Judd, Nellie.....Upper Alton, Ill.
 Kent, George W.....Peoria
 Koehler, Irving G....Detroit, Mich.
 Lander, Clarence H...Cleveland, O.
 Loewenstein, Martha S..Morton, Ill.
 Lord, Georgina H.....Peoria
 Marsden, Rollin A...Edgerton, Wis.
 Marshall, Birdie A.....Peoria
 Mayor, Simon.....Indianapolis, Ind.
 McCool, George E...Kirksville, Mo.
 Macdonald, AlexanderPeoria
 Miller, Charles M...Los Angeles, Cal.
 Miller, Cora B.....Toulon, Ill.
 Miller, Karl H...Missouri Valley, Ia.
 Morgan, George G.Santa Monica, Cal.
 Mulberry, Grace P...Taylorville, Ill.
 Mulnix, Sadie S.....Pueblo, Colo.
 Nadler, Herbert B.....Peru, Ill.
 Nicolen, Dale W.....Detroit, Mich.
 Orr, Dwight H.....Peoria
 Parks, Jos. F.....Iola, Kan.
 Paul, Carl E.....Forest City, Ill.
 Peterson, Minnie M.....Peoria
 Power, Harmar F...Homestead, Pa.
 Powers, J. Harold.Crookston, Minn.
 Price, George G.....Oakfield, Wis.
 Price, Leota.....Lebanon, Ind.
 Renfro, Daisy D...Carbondale, Ill.
 Rhea, Emma B.....Upper Alton, Ill.
 Ricker, Chas.....Eastlake, Mich.
 Roche, Lois E.....Cedar Rapids, Ia.
 Ross, Edwin A.....Addison, Mich.
 Roush, Albert J.....Aid, Ohio
 Russ, Lillian.....Adrian, Mich.
 Sanders, Christine...Helena, Ark.
 Sayre, Vernon E....Emporia, Kan.
 Schembs, Minnie A.....Peoria
 Schick, John M.....Glendale, O.
 Schimpff, Lily C.....Peoria
 Schuler, Malcolm W.Wilkesbarre, Pa.
 Shannon, May B.....Lebanon, Ind.
 Sidener, Grace B.....
 Grand Rapids, Mich.
 Smith, Robert J.....Ruston, La.
 Steele, Mattias G...Portland, Ore.
 Stewart, Anna R.....Tempe, Ariz.
 Stryker, Samuel L...St. Louis, Mo.
 Thompson, Mrs. Fleeta.....Peoria
 Todd, George A....Petersburg, Ill.
 Tompkins, E. Ray..Bloomington, Ill.
 Trautman, Anna M.....Peoria
 Valley, Nils A.....Superior, Wis.
 Waldo, Proctor C.....Peoria
 Wald, Katherine C.....Peoria
 Weber, George Fred.South Bend, Ind.
 Webster, Nellie G...Woodland, Ill.
 Whitesitt, Andrew H.....
 Terre Haute, Ind.
 Whitesitt, Ritter K.....
 Terre Haute, Ind.
 Wilson, James H...Indianapolis, Ind.
 Wright, Mary A....Springfield, Ill.

SUMMARY OF STUDENTS.

	YOUNG MEN	YOUNG WOMEN	TOTAL
Graduate	1	6	7
College	66	65	131
Higher Academy	62	55	117
Lower Academy	88	105	193
Unclassified	3	36	39
Summer School	79	47	126
	<hr/> 299	<hr/> 314	<hr/> 613
Horological Department (see Horological Catalogue).....			<hr/> 310
			<hr/> 923
Deduct names counted twice.....			<hr/> 17
			<hr/> 906

RESIDENCE OF STUDENTS.

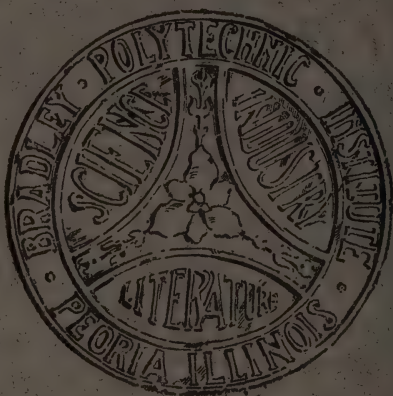
School of Arts and Sciences:		
From Peoria	382	
From Illinois (outside of Peoria).....	106	
From other states.....	110	
	<hr/> 598	598
Horological Department:		
From Peoria	7	
From Illinois (outside of Peoria).....	35	
From other states.....	268	
	<hr/> 310	310
		<hr/> 906

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THE HOROLOGICAL DEPARTMENT.

The Horological Department gives practical instruction in Watchwork, Engraving, Jewelry, and Optics. It is open throughout the year, and Students can enter at any time. A catalogue will be sent free upon request.



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PEORIA, ILL.

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UNIVERSITY OF ILLINOIS
CHAMPAIGN, ILLINOIS

Bradley

Polytechnic Institute

The School of Arts and Sciences
Bradley Hall

Register . . 1909-1910
Announcements for 1910-1911

Peoria, Illinois
May, 1910



HOROCLOGY HALL

BRADLEY HALL

BRADLEY POLYTECHNIC INSTITUTE
PEORIA, ILLINOIS
FOUNDED IN 1897

Bradley Polytechnic Institute

The School of Arts and Sciences

BRADLEY HALL

Register 1909-1910
Announcements for 1910-11

PEORIA, ILLINOIS

MAY, 1910

CALENDAR FOR 1910-1911

September 20.....	Tuesday.....	Autumn Quarter Begins
October 8.....	Saturday.....	Founder's Day
October 20.....	Thursday.....	Parents' Meeting
November 4.....	Friday.....	Annual Lecture Course Begins
November 24 and 25.....	Thursday and Friday.....	Thanksgiving Holidays
December 21.....	Wednesday.....	Autumn Quarter Ends

CHRISTMAS VACATION.

January 3.....	Tuesday.....	Winter Quarter Begins
January 26.....	Thursday.....	Day of Prayer for Colleges
February 22.....	Wednesday.....	Washington's Birthday
March 17.....	Friday.....	Winter Quarter Ends
March 20.....	Monday.....	Spring Quarter Begins
March 24.....	Friday.....	Annual Concert

APRIL 15 TO APRIL 23, SPRING VACATION

May 30.....	Tuesday.....	Memorial Day
June 9.....	Friday evening.....	Open Night
June 14.....	Wednesday.....	Work of Spring Quarter Ends
June 15.....	Thursday.....	Class Day
June 16.....	Friday.....	Convocation Day

C
B 72 H
1909-10

HISTORICAL SKETCH

MR. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. To assist in forming their plans they visited together a number of educational institutions, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later Mrs. Bradley took the matter up and formulated her wishes substantially as they are now expressed in the constitution of the Institute. It was her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the advice of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for buildings and equipment; the fund for these purposes was later largely increased. The death of Mrs. Bradley occurred January 16, 1908, just after the close of the first decade in the history of the Institute.

Work was begun April 10, 1897, upon two buildings, Bradley Hall, devoted to general education, and Horology Hall, where instruction is given in Watchwork, Jewelry, Engraving and Optics. These buildings were occupied in October and November respectively. School work was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall, and this date has been observed annually with appropriate exercises. In 1904 a station of the United States Weather Bureau was established in a building erected by the Government at the north end of the campus.

During the year 1908-9 a Gymnasium was erected at a cost of \$75,000. It contains a gymnasium for men and also one for women, each with complete equipment.

This catalog contains the records of the thirteenth year, and the announcements for the fourteenth year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY	Peoria
<i>President</i>	
LESLIE D. PUTERBAUGH	Peoria
<i>Vice-President</i>	
HARRY A. HAMMOND	Wyoming
<i>Secretary</i>	
HARRY PRATT JUDSON	Chicago
ZEALY M. HOLMES	Mossville
ALBION W. SMALL	Chicago
JOHN M. NIEHAUS	Peoria

COMMITTEES

<i>Finance</i> .	MESSRS. BAILEY, PUTERBAUGH, HOLMES, HAMMOND, NIEHAUS
<i>Buildings and Grounds</i> . .	MESSRS. HOLMES, NIEHAUS, HAMMOND
<i>Faculty, Curriculum and Equipment</i> .	MESSRS. JUDSON, SMALL, PUTERBAUGH

THEODORE C. BURGESS	<i>Director of the Institute</i>
CHARLES R. WHEELER	<i>Treasurer</i>

FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1909-1910

OFFICERS OF ADMINISTRATION

THEODORE C. BURGESS	{ <i>Director of the Institute</i>
HARRIET KEMP	{ <i>Dean of College and Higher Academy</i>
CHARLES TRUMAN WYCKOFF	<i>Dean of Women</i>
CLARENCE ELMER COMSTOCK	<i>Dean of Lower Academy</i>
CHARLES A. BENNETT	<i>Recorder</i>
	<i>Superintendent of the Summer School</i>

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B., Hamilton College, 1883; A. M., *ibid.*, 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek, University of Chicago, Summers, 1900-5; Professor of Greek, *ibid.*, Summers, 1906-9; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharpe Manufacturing Co. and Putnam Machine Co., 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers College, New York City, 1891-7; Graduate Student, Harvard University and University of Chicago, one summer each; Editor of *Manual Training Magazine*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B., Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor in English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1891-3; Graduate Student of History and Political Science, University of Chicago, 1894-96; Fellow, *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-1904.

CLARENCE ELMER COMSTOCK, A.M., *Professor of Mathematics.*

A. B., Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-94; A. M., Knox College, 1891; Graduate Student in Mathematics, Johns Hopkins University, 1892-3, 1894-5; University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902; Assistant Professor, *ibid.*, 1902-8.

WALES HARRISON PACKARD, Ph.D., *Assistant Professor of Biology.*

S. B., Olivet College, 1894; Fellow in Zoology, University of Chicago, 1895-8; Ph. D., *ibid.*, 1908; Instructor in Zoology, Marine Biological Laboratory, Woods Holl, Mass., Summers 1895-99; Research Work, *ibid.*, Summers 1905-7; Instructor in Physiology, University of Chicago, Summer, 1903; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-1904.

GEORGE CROMWELL ASHMAN, Ph.D., *Assistant Professor of Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, *ibid.*, 1895-6; Teacher Physics and Chemistry, Frankfort, Ind., High School, 1896-1901; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901; Graduate Student, University of Chicago, Summers, 1897-1900; M. S., *ibid.*, 1905; Fellow in Chemistry, *ibid.*, 1907-8; Ph. D., *ibid.*, 1908; Associate in Chemistry, Bradley Institute, 1901-3; Instructor, *ibid.*, 1903-5.

MARGARET McLAUGHLIN, A.M., *Assistant Professor of English.*

Student, National Normal, Lebanon, Ohio, 1888-1892; A. B., *ibid.*, 1890; LL. B., by examination before committee of Supreme Court of Ohio, 1892; Instructor in English, National Normal, Lebanon, Ohio, 1896-1901; Lewisville Academy, Lewisville, Texas, 1901-2; Graduate Student, Yale University, 1902-4; University of Chicago, 1904-5; A. M., *ibid.*, 1905.

HELEN MARION DAY, B.S., *Assistant Professor in Domestic Science.*

Diploma for teaching Domestic Science, Teachers College, 1903; B. S., Columbia University, 1907; Assistant in Domestic Science, Teachers College, Columbia University, 1903-6; Instructor and Lecturer in Domestic Science, Department of Extension Teaching, Teachers College, 1906-7; Instructor in Domestic Science, Lyndhurst Industrial School, Summers, 1903-1904; Instructor in School of Domestic Science, Chautauqua, N. Y., Summers, 1907-1908; Instructor, Bradley Institute, 1907-9.

CLINTON SHELDON VAN DEUSEN, M.E., *Assistant Professor in Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-98; Associate in Manual Arts, Bradley Institute, 1898-1904; Instructor, *ibid.*, 1904-9.

FREDERICK CHARLES BROWN, *Assistant Professor of Physical Training.*

Student, Hiram College, 1897-1901; Graduate, Chicago Training School, 1905; Instructor, Summer School, Lake Geneva, Wis., 1905; Director of Physical Training, Hiram College, 1905-7; Assistant Supervisor of Physical Training, Cleveland, Ohio, 1907-9.

ALBERT WOODWARD JAMISON, M.S., *Instructor in Physics.*

B. S., Princeton University, 1897; M. S., *ibid.*, 1899; Instructor in Chemistry and Mineralogy, *ibid.*, 1897-9; Chemist, Illinois Sugar Refining Co., 1899-1900; Business, 1900-6; Teacher of Chemistry and Biology, High School, Peoria, Ill., 1906-9.

MARY BATES BLOSSOM, Ph.B., *Instructor in German and French.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Student, University of Chicago, Summers, 1903-4, 1907; Student, Guilde Internationale and Sorbonne, Paris, 1905-6; Student, University of Chicago, 1908-9; Ph. B., *ibid.*, 1909.

HARRIET KEMP, A.B., *Instructor in German and Latin.*

A. B., Baker University, 1901; Assistant in Modern Languages, *ibid.*, 1898-1901; Teacher Clay County High School, 1901-5; Student at Northwestern University, Summer, 1905; Teacher High School, Junction City, Kan., 1905-6; Teacher in Willard School for Girls, Berlin, Germany, 1906-8; Student at the University of Berlin, 1906-8; Assistant, Bradley Institute, 1908-9.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy.*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, Ohio, Worthington Hydraulic Works, New York, and Pittsburg Locomotive Works, Pittsburg, Pa.; for six years Mechanician, Department of Experimental Engineering, Cornell University; Assistant in Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1902-4.

ADELAIDE MICKEL, *Instructor in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student, Harvard University, Summer, 1902.

BERTHA MAY SCULLIN, A.B., *Instructor in Domestic Economy.*

Graduate, Bradley Institute, 1903; Assistant in Sewing, *ibid.*, 1903-5, 1906-9; A. B., University of Chicago, 1906.

FREDERICK HUSTON EVANS, M.E., *Instructor in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4; with Link Belt Machinery Co., Chicago, Summer, 1905; M. E., State College of Kentucky, 1906; Draftsman on Union Stock Yards Power Plant for Sargent & Lundy, Chicago, Summer, 1906.

KATHERINE FEDORA WALTERS, A.B., *Instructor in Latin.*

M. Di., Iowa State Normal School, 1904; A. B., University of Michigan, 1906; Teacher High School, Grand Junction, Iowa, 1898-9; Principal High School, Eldora, Iowa, 1899-1900; Teacher, Keokuk, Iowa, 1900-1; Cedar Falls, Iowa, 1901-4; Assistant, Bradley Institute, 1906-9.

MARTHA SHOPBELL, B.S., *Instructor in Domestic Economy.*

B. S., University of Wisconsin, 1899; Teacher in Wisconsin High Schools, 1899-1902; Student, Pratt Institute, 1902-4; Graduate, Normal Domestic Science Course, *ibid.*, 1904; Teacher, New York City Vacation Schools, 1903-4; Student, Boston Cooking School, Summer, 1907; Assistant, Bradley Institute, 1906-9.

MELVIN DEFORST RENKENBERGER, A.B., *Instructor in Biology and Physics.*

A. B., Wabash College, 1906; Teacher Public Schools, Noble Co., Ind., 1895-8; Principal, Township High School, La Otto, Ind., 1898-1903; Assistant, Bradley Institute, 1906-9.

JOSEPH STITT BIKLE, A.M., *Instructor in Mathematics.*

A. B., Columbia University, 1903; A. M., *ibid.*, 1904; Teacher High School, Hagerstown, Md., 1904-5; New Brighton, Pa., 1905-6; Altoona, Pa., 1906-7.

MARY CAMP SCOVEL, *Instructor in Drawing.*

Graduate, Teachers' Class, Cook Co. Normal, 1890; Graduate, Teachers' Classes, Chicago Art Institute, 1893; Graduate, Normal Art Department, Pratt Institute, 1900; Student, Dow Summer School, Ipswich, Mass., 1901; Student, Prang Summer School, Chicago, 1902; Student Teacher, Chicago Art Institute and in Public Schools, 1894-98; Instructor in Design and Pottery, Chicago Art Institute, 1900-1907; Supervisor of Drawing, Oak Park, Ill., 1900-1906; Instructor in Drawing, Normal University, Normal, Ill., Summer, 1907; Instructor in Handwork, Extension Classes, Chicago Normal School, 1907-9.

FOREST ALMOS FORAKER, M.S., *Assistant in Mathematics.*

B. S., Ohio Northern University, 1903; M. S., *ibid.*, 1905; Instructor in Mathematics, Fairmount Academy, 1903-8; Graduate Student in Mathematics, University of Chicago, Summer, 1907.

EDWIN FRANCIS GEORGE, A.B., *Assistant in English.*

A. B., Northwestern College, 1908; Teacher in Public Schools, Findlay, Ohio, 1901-4.

JOHN OSCAR LOFBERG, A.B., *Assistant in Latin and Greek.*

A. B., John B. Stetson University, 1905; A. B., University of Chicago, Summer, 1905; Assistant in Latin, John B. Stetson University, 1903-5; Principal of High School, Sleepy Eye, Minn., 1905-7; Graduate Student in Greek and Latin, University of Chicago, 1907-8; Summers, 1906, 1908-9.

ALICE EVANS BLAIR, *Assistant in Sewing.*

Student, Teachers College, Columbia University, 1907-9; Diploma in Domestic Art, *ibid.*, 1909.

ELIZABETH HELEN BURNSIDE, B.L.S., *Librarian.*

B. L. S., University of Illinois Library School, 1907; Penn College, 1901-2, 1903-5; Library experience in Oskaloosa Public Library, Summer, 1906, Galesburg Public Library, Spring, 1907; Library Organizer of Oskaloosa High School Library, Spring, 1908; Reorganized Leon Public Library under Iowa State Library Commission, Summer, 1908; Organized Bradley Polytechnic Institute Library, Summer and Winter, 1908-9; Organized Oregon Public Library, Spring, 1909; Cataloger at Morningside College Library, Spring and Summer, 1909.

ETHEL HELEN LYONS, A.B., *Assistant in Modern Language.*

A. B., Radcliffe College, 1907; Student at University of Berlin, 1907-8; Teacher of German, Mount Ida School, Newton, Mass., 1908-9.

ARTHUR FRANK PAYNE, *Assistant in Manual Arts.*

Apprentice and Silversmith, Simpson, Hall, Miller Co., Wallingford, Ct., 1892-1900; Silversmith and Sample-Maker, R. Wallace Mfg. Co., Wallingford, Ct., 1900-1906; Special Student in Design, Kettelle School of Art, Boston, Mass., 1906-7; Teacher of Handicraft, Wallingford, Ct., 1907-8; Director, Arts-Crafts School, Columbus, Ohio, 1908-9; Student in Mechanic Arts, Ohio State University, 1909; Student in Manual Training, Ohio State University, Summer, 1909.

EDITH MAY STIMSON, *Assistant in Physical Training.*

A. B., Oberlin College, 1909; Teacher of Physical Training, Oberlin Public Schools, 1907-8; Teacher, Oberlin College Gymnasium, 1908-9; Pittsburg Vacation Schools and Playground Association, Summer, 1908.

VIVIAN BONIFACE, *Assistant in English.*

Student Assistant in English, Bradley Institute, 1908-9; Graduate, *ibid.*, 1909.

MERRILL ISAAC SCHNEBLY, *Assistant in Chemistry.*

Student Assistant in Chemistry, Bradley Institute, 1908-9; Graduate, *ibid.*, 1909; Student, University of Chicago, Summer, 1909.

ANNA CHRISTINA BLOCK,* *Assistant in German.*

A. B., Smith College, 1909.

MARK B. WHITMEYER,** *Assistant in Architectural Drawing.*

B. S., University of Illinois, 1899; licensed Architect, State of Illinois; practiced at Danville, Ill., 1899-1906; Vredenburg & Whitmeyer, Champaign, 1906-7; Shank & Whitmeyer, Peoria, Ill., 1907-10; in charge of construction work for Hewitt & Emerson, Peoria, 1910—.

MERTON LEONARD FULLER, M.Di., A.M., *Lecturer in Meteorology.*

M. Di., Iowa State Teachers College, 1898; Principal, Normal Department, Buena Vista College, Storm Lake, Iowa, 1898-1902; Assistant Observer U. S. Weather Bureau, 1902-1906, serving at Salt Lake City, Utah, Springfield, Ill., Charles City, Iowa, and Huron, S. D.; in charge, U. S. Weather Bureau Office, Canton, N. Y., 1906-9, Peoria, Ill., 1909—; Lecturer on Meteorology and Climatology, St. Lawrence University, Canton, N. Y., 1906; M. A., St. Lawrence University, 1907; Professor of Meteorology and Climatology, St. Lawrence University, 1906-1909.

STUDENT ASSISTANTS

CHEMISTRY

FLOYD E. SANFORD

ENGLISH

CLEDA M. KEAS

RUTH L. COOPER

MANUAL ARTS

EDWARD G. ANDERSON
G. GORDON KELLAR,

WARREN V. HARTZ
URSEN R. SEWREY

PHYSICAL TRAINING

GLENN M. EBAUGH,

ROGER SCHENCK

PHYSICS

GEORGE L. GREVES

THEODORE PLACK

ORGANISTS

LOUISE I. DELENT
ARSINA G. HAUKE

HOWARD A. CAMPBELL
JESSIE C. ARCHER

OTHER OFFICERS

J. L. CADWALLADER, *Cashier*
GRACE E. O'CONNER, *Stenographer.*

S. D. LYMAN, *Superintendent of Buildings and Grounds.*
HOMER M. BOTTS, *Engineer.*

*Last half of the Year.

**Winter Quarter.



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

ADMISSION

Entrance.—Graduates of the eighth grade of the Peoria public schools, of the graded schools of Peoria County, and such other grammar schools as the Institute may approve, will be admitted to the first year of the Lower Academy without examination. Such students should present a diploma or certificate of graduation.

Admission to Advanced Standing.—Graduates and students who have done work in high schools, academies or colleges, will be admitted on presentation of a certificate of the kind, amount and grade of work completed by the applicant, together with the titles of text-books used and time spent upon each subject. A blank form for this statement will be furnished to school officials and prospective students upon application to the Director. Upon the basis of this statement, the student will be assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, the credits from his former school will be accepted in so far as they cover the work of the Institute.

Admission of Unclassified Students.—Students of mature age who for sufficient reasons do not wish to pursue a regular course, may be admitted without examination or certificate. They are known as unclassified students.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.

CURRICULUM

THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Trade or Technical Work. (2) Advanced Study in a College, University, or School of Engineering. (3) Professional Study in Law or Medicine. (4) Teaching Manual Training or Domestic Science, or Drawing and Manual Training.

Divisions: The six years of study are divided into three two-year periods, as follows:

The Lower Academy (First and Second years).

The Higher Academy (Third and Fourth years).

The College (Fifth and Sixth years).

1.—*LOWER ACADEMY, corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is nearly the same in all groups.

2.—*HIGHER ACADEMY, corresponding to the last two years of a High School Course.* When the student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—*COLLEGE, corresponding (according to the group) to the Freshman and Sophomore years in a College, University or Engineering School.* In the college the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading colleges and universities, such as Vassar, Wellesley, Smith, Mt. Holyoke, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mt. Holyoke, Cornell, Wisconsin, Michigan, Chicago and other institutions of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group, where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. **SCIENCE GROUP**, which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. **ENGINEERING GROUP**, which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. **CLASSICS GROUP**, which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. **LITERATURE GROUP**, which is especially strong in Modern Languages and Latin. It prepares students for the third year of college courses leading to the degree of Ph. B. or B. L.

5. **MECHANIC ARTS GROUP**, which is designed to meet the demand for training that fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. Owing to the fact that this group is specialized from the beginning, applicants for admission to it may be required to present the written permission of their parents. When desired, this line of work may be continued under direction of the Faculty two years longer, thus making it a six-year group.

TEACHERS' COURSES IN MANUAL TRAINING AND DOMESTIC ECONOMY

I. A COURSE PREPARATORY TO TEACHING MANUAL TRAINING.

Requirements for admission:

Four years of Approved Academic Work.

This Academic work should include English, Mathematics, Foreign Language, Science and History, and, if possible, the elements of Freehand and Mechanical Drawing and Woodworking.

A certificate will be given those who present these requirements and also complete the following:

1. Freehand Drawing 12 (*Two Majors*).*
2. Mechanical Drawing 14 (*One Major*).
3. Framing and Woodturning 5, or Woodworking 1 (*One Major*).
4. Pattern-Making 6 (*One Major*).
5. Cabinet-Making 7 (*One Major*).
6. Metalworking 38 (*Three Majors*).
7. English 6 and 8 (*Two Majors*).
8. History 6 or 8 (*One Major*).
9. History of Manual Training 35 (*One Major*).
10. Teaching Manual Training 36 (*One Major*).
11. Organization of Manual Training 34 (*One Major*).
12. Design 20 (*Two Majors*).
13. Elementary Handwork 33 (*One Major*).
14. Woodworking 31 (*Three Majors*).
15. Drawing 32 (*Three Majors*).

Students who have taken courses equivalent to any of the above before entering the Institute, will be given due credit.

This group is especially well suited to those who have already proven their ability to teach other subjects and are now desirous of fitting themselves to teach Manual Training. To those already engaged in teaching this subject it offers new points of view and advanced study. Many students will find it advantageous to spend three years in this course instead of two. This will enable them to broaden their preparation for teaching by adding several elective courses not named above, and in some cases it will be possible to secure both the Manual Training certificate and a diploma of the Institute. Courses taken in the Summer School (see summer circular) may be counted toward a certificate, and in exceptional cases, the certificate may be given for summer work only. Each application will be considered upon its merits.

PROGRAM OF STUDIES

MANUAL TRAINING	FIRST YEAR		
	FALL	WINTER	SPRING
	Woodworking 1 or Framing 5 Metalworking 38 Mechanical Drawing 14 English 6	Pattern Making 6 Metalworking 38 Freehand Drawing 12 History 6	Cabinet Making 7 Metalworking 38 Freehand Drawing 12 English 8
	SECOND YEAR		
	FALL	WINTER	SPRING
	History of Manual Training 35 Design 20 Woodworking 31 Drawing 32	Teaching Manual Training 36 Design 20 Woodworking 31 Drawing 32	Organization of Manual Training 34 Elementary Handwork 33 Woodworking 31 Drawing 32

*A major means twelve weeks' work with five recitations a week. The numbers after courses refer to the department statements.

II. A COURSE PREPARATORY TO TEACHING ART AND MANUAL TRAINING IN ELEMENTARY SCHOOLS.

Requirements for admission:

Four years of Approved Academic Work.

This Academic work should include English, Mathematics, Foreign Language, Science and History, and, if possible, the elements of Freehand and Mechanical Drawing.

A certificate will be given those who present these requirements and also complete the following:

1. Freehand Drawing 12 (*Two Majors*).
2. Mechanical Drawing 14 (*One Major*).
3. Woodworking 1 (*Two Majors*).
4. Sewing 7 (*Two Majors*).
5. English 6 and 8 (*Two Majors*).
6. History 6 or 8 (*One Major*).
7. Dressmaking 8 (*One Major*).
8. Textiles 13 (*One Major*).
9. History of Manual Training 35 (*One Major*).
10. Teaching Manual Training 36 (*One Major*).
11. Organization of Manual Training 34 (*One Major*).
12. Design 20 (*Two Majors*).
13. Elementary Handwork 33 (*One Major*).
14. Elementary Art 37 (*Three Majors*).
15. Drawing 32 (*Three Majors*).

This course is especially suited to young women who have already been successful in teaching other subjects and are now desirous of fitting themselves to teach or supervise the art and elementary handwork, including the sewing, of the elementary schools.

PROGRAM OF STUDIES

MANUAL TRAINING	FIRST YEAR		
	FALL	WINTER	SPRING
	Drawing 14 Sewing 7 Woodworking 1 English 6	Drawing 12 Sewing 7 Woodworking 1 Textiles 13 History 6	Drawing 12 Dressmaking 8 Millinery 17 English 8
	SECOND YEAR		
	FALL	WINTER	SPRING
	History of Manual Training 35 Design 20 Elementary Art 37 Drawing 32	Teaching Manual Training 36 Design 20 Elementary Art 37 Drawing 32	Organization of Manual Training 34 Elementary Handwork 33 Elementary Art 37 Drawing 32

III. A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong labora-

tory courses in each, and if possible Drawing, should be included in the high school course. Any high school subjects which are lacking may be taken at the Institute. This, of course, would mean that a longer time would be needed to complete the work required for a certificate. College graduates who have had some technical training may complete the course in one year.

A certificate is granted to all who present the requirements for admission and complete the following:

1. Plain Sewing 7 (*Two Majors*).
2. Dressmaking 8 (*One Major*).
3. Sewing and Embroidery 16 (*One Major*).
4. Millinery 17 (*One Major*).
5. Cooking 9 (*Three Majors*).
6. Food and Dietetics 5, 6 (*Two Majors*).
7. Foods 15 (*One Major*).
8. Home Nursing 12 (*One Major*).
9. Chemistry, Chemistry of Foods, Chemistry 2, 3 (*Three Majors*).
10. Human Physiology, Biology 4 (*Two Majors*).
11. Bacteriology, Biology 5 (*One Major*).
12. Design, Manual Arts 20 (*One Major*).
13. House Construction, Sanitation, Decoration 10 (*One Major*).
14. Household Administration 11 (*One Major*).
15. Textiles 13 (*One Major*).
16. Teaching of Domestic Economy 14 (*Two Majors*).

(The numbers after the courses are those of Department Statements.)

Those who present four years of Academic work including Physics and Chemistry should be able to secure the certificate in two years. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the certificate in a shorter time.

For Laboratory work in Cooking each student should have an ample supply of wash shirt-waists, large, plain white aprons with bib, shoulder straps and pocket, hand towels made about 18 inches square of checked glass linen and a holder.

PROGRAM OF STUDIES

DOMESTIC ECONOMY	FIRST YEAR		
	Plain Sewing 7*	Plain Sewing 7	Dressmaking 8
	Cooking 9*	Cooking 9	Cooking 9
	Chemistry 1 or 2	Chemistry 1 or 2	Chemistry 1 or 2
	Home Nursing 12	Textiles 13	Millinery 17
	Elective	Elective	Elective
	SECOND YEAR		
	Food and Dietetics 5	Food and Dietetics 6	Foods 15
	Design 20	{ House Construction,	Household
	Sewing and	{ Sanitation,	Administration 11
	Embroidery 16	{ Decoration 10	Teaching Domestic
	Bacteriology 5	Teaching Domestic	Economy 14
		Economy 14	Chemistry 3 or
		Biology 4	Biology 4

*The Sewing and Cooking come on alternate days at the same hour throughout the year, thus in effect forming one class.

PROGRAM OF STUDIES BY QUARTERS

Note.—Some studies are followed by the course number used in the department statements, pages 21-42; *e. g.*, English 5 is described on page 27 and Biology on page 21, etc. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
Latin	Latin	Latin
English	English	Botany
Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing
Physical Training	Physical Training	Physical Training

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
Latin ²	Latin	Latin
English ³	English ³	English
Zoology ⁴	Zoology ⁵	Metalworking or Sewing, and Drawing
Metalworking or Sewing, and Drawing	Metalworking or Sewing and Drawing	Physical Training
Physical Training	Physical Training	

MECHANIC ARTS GROUP*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
English	English	Botany
Drawing	Drawing	Drawing
Woodworking	Woodworking	Woodworking
Metalworking	Metalworking	Metalworking

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
English ³	English ³	English
Zoology	Zoology	Civics
Mechanical Drawing	Architectural Drawing	Forging
Framing, Pattern-Making	Pattern-Making and Foundry	

*Statements about these groups may be found on page 11.

¹Four recitations a week in Fall Quarter.

²Students intending to enter the Engineering Group may take German in place of Latin.

³One recitation a week, Fall and Winter Quarters.

⁴Those requiring three years German for college entrance may substitute beginning German for Zoology.

⁵One hour taken out for English in Winter Quarter.

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)*

	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics 1 Modern Lan- guage or Vergil History of Greece Drawing 12	Physics 1 Modern Lan- guage or Vergil English 3 Drawing 12	Physics 1 Modern Lan- guage or Vergil English 4 Solid Geometry	Chemistry 1 Modern Lan- guage Algebra 4 Shop or Cooking	Chemistry 1 Modern Lan- guage or Cicero English 5 Shop or Cooking	Chemistry 1 Modern Lan- guage or Cicero History of Rome Shop or Cooking
Engineering	Physics 1 Modern Lan- guage English 3 Drawing 12	Physics 1 Modern Lan- guage Solid Geometry History of Greece	Physics 1 Modern Lan- guage English 4 History of Rome	Chemistry 1 Modern Lan- guage Algebra 4 Shop	Chemistry 1 Modern Lan- guage English 5 Shop	Chemistry 1 Modern Lan- guage Trigonometry Shop
Classics	Vergil Greek 1 Physics 1 History of Greece	Vergil Greek 1 Physics 1 Solid Geometry	Vergil Greek 1 Physics 1 English 3	English 4 Xenophon Algebra 4 Shop or Cooking	Cicero Xenophon English 5 Shop or Cooking	Cicero Homer History of Rome Shop or Cooking
Literature	Vergil Modern Lan- guage Physics 1 History of Greece	Vergil Modern Lan- guage Physics 1 Solid Geometry	Vergil Modern Lan- guage Physics 1 English 3	English 4 Modern Lan- guage Algebra 4 Shop or Cooking	Cicero Modern Lan- guage English 5 Shop or Cooking	Cicero Modern Lan- guage History of Rome Shop or Cooking
Mechanic Arts	Algebra 4 Physics 1 Drawing 12 Shop 26	Solid Geometry Physics 1 Drawing 12 Shop 26	Trigonometry Physics 1 Lettering Shop 26	Steam and Electricity Chemistry 1 Machine Con- struction Drawing 16	Steam and Electricity Chemistry 1 English 3 Drawing 16	Steam and Electricity Chemistry 1 English 4 Drawing 16

*Physical Training will be required as the Faculty may determine.

PROGRAM BY QUARTERS—CONTINUED

COLLEGE (BY GROUPS)†

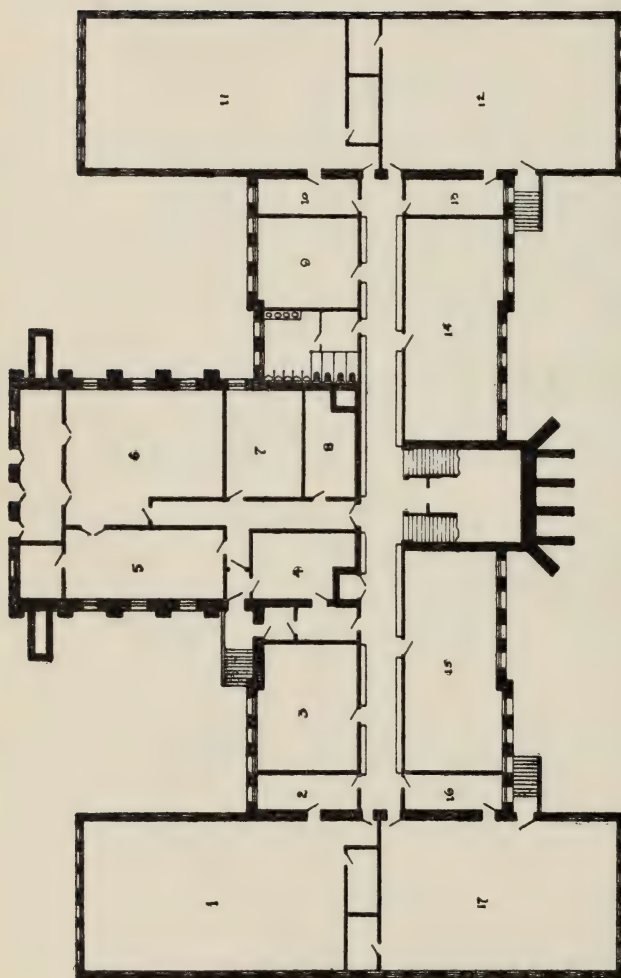
FIFTH YEAR			SIXTH YEAR			
AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING	
Modern Language Biology 3 or Chemistry 2 or Physics 2 Trigonometry Drawing or Domestic Economy	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Domestic Economy	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Domestic Economy	Mathematics 7 Bacteriology English 6 Medieval History	Mathematics 7 Physiology English 7 Modern History	Mathematics 7 Physiology English 8 Constitutional History	Science
Mathematics 7 Modern Language English 6 Mechanical Drawing	Mathematics 7 Modern Language English 7 Descriptive Geometry	Mathematics 7 Modern Language Surveying Descriptive Geometry	Physics 3 Mathematics 8 Shop Drawing 16 Economic History*	Physics 3 Mathematics 8 Shop Drawing 16 Economic History	Physics 3 Mathematics 8 Shop, Drawing 16 Analytic Mechanics Economic History	Engineering
Modern Language Plato Biology 3 or Chemistry 1 Medieval History	Modern Language Homer Biology 3 or Chemistry 1 Modern History	Modern Language Sophocles Biology 3 or Chemistry 1 Constitutional History	English 6 Cicero Modern Language Drawing or Domestic Economy	English 7 Livy Modern Language Drawing or Domestic Economy	Trigonometry** Horace Modern Language Drawing or Domestic Economy	Classics
Modern Language Cicero Biology 3 or Chemistry 1	Modern Language Livy Biology 3 or Chemistry 1	Modern Language Horace Biology 3 or Chemistry 1	English 6 Medieval History German 4 Drawing or Domestic Economy	English 7 Modern History German 4 Drawing or Domestic Economy	English 8 Constitutional History Trigonometry** Drawing or Domestic Economy	Literature

The program of Studies of the Teachers' Course in Manual Training and Domestic Economy may be found on pages 11-14.

†Physical Training will be required as the Faculty may determine.

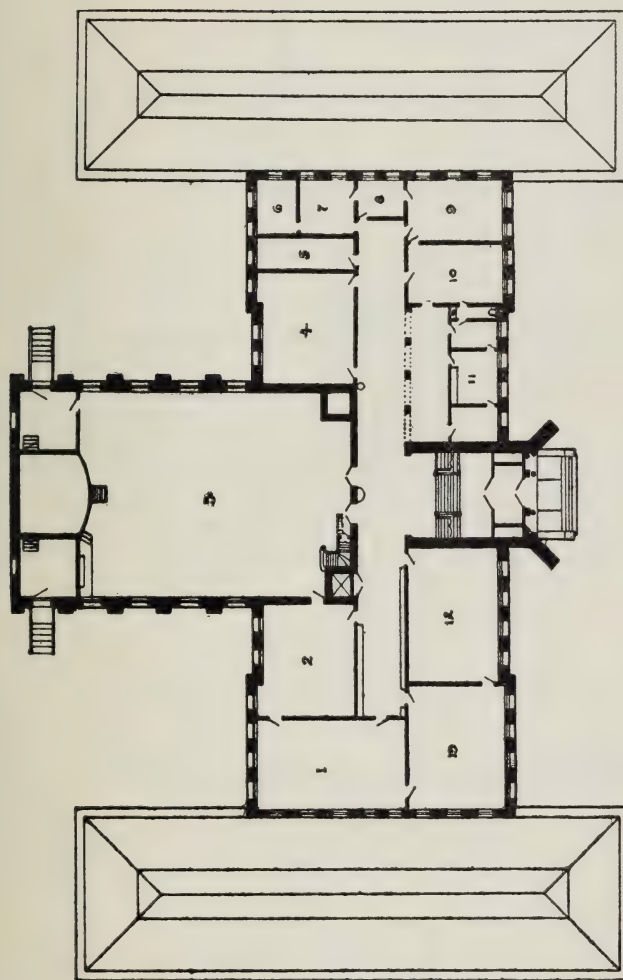
*Two hours per week, one hour being taken from Physics and one from Mathematics 8.

**In place of Trigonometry Classics students may take English 8 and Literature students continue German 4.



BASEMENT PLAN

- | | | | |
|----|------------------------|----|----------------------|
| 1 | Pattern Shop | 12 | Metalworking Room |
| 2 | Supt. of Buildings | 13 | Chemical Store Room |
| 3 | Physics Lecture Room | 14 | Chemistry Laboratory |
| 4 | Store Room | 15 | Physics Laboratory |
| 5 | Engine Room | 16 | Wash Room |
| 6 | Boiler Room | 17 | Woodworking Room |
| 7 | Lumber Room | | |
| 8 | Kiln Room | | |
| 9 | Chemistry Lecture Room | | |
| 10 | Wash Room | | |
| 11 | Machine Shop | | |

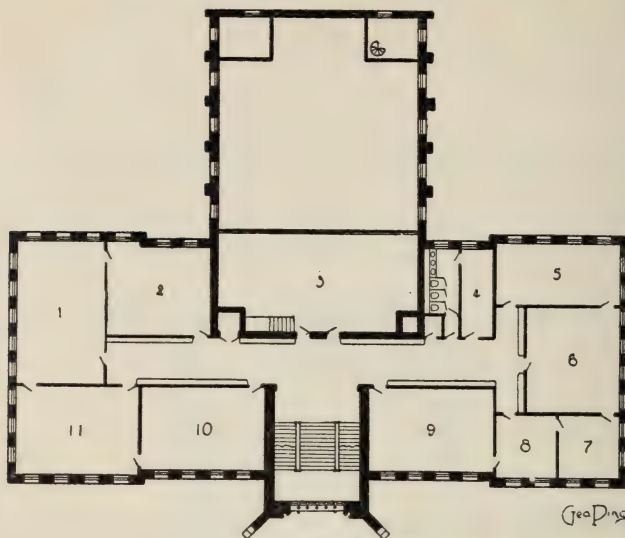


FIRST FLOOR

- 10 Reception Room
- 11 General Office
- 12 Latin
- 13 Latin and History

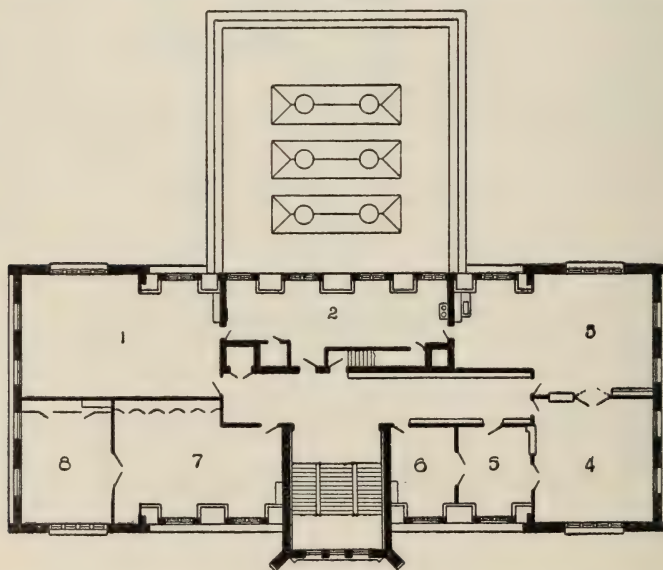
- 5 Book Room
- 6 Office, Dean of Lower Academy
- 7 Office of the Recorder
- 8 Office of the Director

- 1 History
- 2 Library
- 3 Chapel
- 4 English



SECOND FLOOR

- | | | |
|---------------------|---------------------------|----------------|
| 1 Biology | 5 French and Mathematics | 8 Waiting Room |
| 2 Mathematics | 6 Greek | 9 German |
| 3 Gallery of Chapel | 7 Office of Dean of Women | 10 Mathematics |
| | 11 Biology | |



THIRD FLOOR

- | | | |
|----------------------|------------------------|----------------------------|
| 1 Lunch Room | 4 Lecture Room | 6 Office, Domestic Economy |
| 2 Kitchen | 5 Practice Dining Room | 7-8 Sewing |
| 3 Cooking Laboratory | | |

DEPARTMENTS

BIOLOGY

THIS Department aims to present, in so far as limited time permits, both the practical and the important theoretical sides of Biology. It makes especial effort to give good training to students preparing to enter the study of medicine.

The laboratories are thoroughly equipped with dissecting and compound microscopes and other apparatus necessary for the general work of the department. The equipment is especially complete for the Physiological and Bacteriological work in the College. In connection with the laboratories is the Museum. It consists primarily of the mounted birds, mammals and other biological collections and herbarium of the Peoria Scientific Association. To this has been added a collection of shells and corals presented by several gentlemen of Peoria, a collection of insects from the University of Illinois and a herbarium presented by Miss Heading of Peoria, as well as many smaller gifts.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the most representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological experiments performed by the students. The compound microscope is used, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week. Text-book, Bergen, *Elements of Botany*.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observations and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week. Text-book, Linville & Kelley, *General Zoology*.

COLLEGE

3. *General Biology (Three Majors)*. This course is designed primarily for students who are preparing for medicine, but it is open also to other students. Typical forms of animals and plants studied with reference to their anatomy and physiology, the design of the course being a study of their structure and function, rather than their systematic position. It is aimed to give the student a broad conception of the general principles of Biology including a discussion of such problems as heredity, variation and adaptation. The concluding lectures deal with the theory of organic evolution. Introductory work with the compound microscope, including the technic of slide preparation. Lectures and laboratory, ten hours a week.

4. *Human Physiology (Two Majors)*. The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general student as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science. Lectures and laboratory, ten hours a week. Prerequisite, Elementary Chemistry. Text-book, Howell, Physiology.

5. *Bacteriology (One Major)*. The general methods of Bacteriology with sanitary and industrial applications. The general biology of bacteria and cultivation and systematic study of the common non-pathogenic and a few pathogenic organisms and their effects. Hygienic aspects of Bacteriology, testing of disinfectants, bacteriological examination of water, air, soil, milk, etc. Discussion of the problems of Water Supply and Public Health. Lectures and laboratory, ten hours a week. Text-book, Jordan, General Bacteriology.

CHEMISTRY

The aim of this department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in everyday life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to enable the student to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The laboratory has also complete equipment for electrolytic analysis, analysis of water, gas analysis, analysis of iron and steel, and assaying.

HIGHER ACADEMY AND COLLEGE

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements, compounds of oxygen, hydrogen, water, chlorine, hydrochloric acid, atomic theory, nitrogen and ammonia. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of non-metallic elements, the halogens, sulphur and nitrogen groups, valence, solution and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be able to identify any simple salt, and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week. Prerequisite, Physics 1, or its equivalent.

COLLEGE

2. *Advanced General Chemistry and Qualitative Analysis (Two Majors)*.

(a) The lectures and recitations on advanced general chemistry deal with the subject as presented in Ostwald's Principles of Inorganic Chemistry; study of the theory of solution, electrolytic dissociation, hydrolytic dissociation, mass action and chemical equilibrium, three hours a week. In the laboratory, reactions of basic and acid ions, analysis of mixtures, seven hours a week.

(b) Same as (a); Analysis of complex mixtures, ores, and compounds of rare elements. Lectures and laboratory, ten hours a week.

(c) *Organic Chemistry and Elementary Quantitative Analysis (One Major)*, Organic Chemistry, aliphatic series, three hours a week. Analytical chemistry, methods in gravimetric, volumetric and electrolytic determinations, seven hours a week. Prerequisite, Chemistry 1.

3. *Chemistry of Foods (One Major)*. Organic Chemistry, three hours a week. Lectures and laboratory work in the examination and testing of food materials, seven hours a week. Prerequisite, Chemistry 2, (a) and (b).

4. *Special Methods in Advanced Analysis (Three Majors)*. Analysis of ores, water analysis, proximate food analysis, analysis of iron and steel, electrolytic methods. Prerequisite, Chemistry 1 and 2.

DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz.:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in Domestic Economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of Domestic Economy:

LOWER ACADEMY

1. *Sewing (Two Majors)*. A full course in hand sewing, consisting of basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing garments.

4. *Cooking (Three Majors)*. This course takes up in a general way the various household processes, with special emphasis on the selection, preparation and serving of food. Lectures, recitations and laboratory work.

5. *Food and Dietetics (One Major)*. A critical study of food materials from a chemical, physiological and economic standpoint. The food requirements of the body under varying conditions are considered, and dietaries made. Lectures, recitations and written work.

6. *Food and Dietetics (One Major)*. The application of the preceding course to actual problems—making menus, marketing, preparation and serving of meals. Special methods of working out dietaries. Lectures and laboratory work. Prerequisite, Domestic Economy 5 and 9.

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of undergarments, a shirtwaist and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. The application of heat to food materials. Laboratory work in cooking in large and small quantities.

Prerequisite, Chemistry.

10. *House Construction, Sanitation and Decoration (One Major)*. A study of the home. The course includes (a) lectures on planning with reference to convenience, cost, site, cellar, foundations, materials, framing, finish, plumbing, heating, lighting, furnishing, decoration; (b) planning a house to meet given conditions; (c) making set of working drawings, including floor plans, elevations, details, and color studies of interior.

Prerequisite, Manual Arts 20.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, domestic service, care of the house, including the various cleaning processes. Lectures, recitations, assigned readings and practical work.

Prerequisite, Domestic Economy 6 and 10.

12. *Home Nursing, Emergencies and Invalid Cookery (One Major)*. What to do in cases of emergencies, as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The development of spinning and weaving and modern processes of manufacturing. The laboratory work includes weaving, dyeing, laundering and basketry. Lectures, reading and laboratory work.

14. *Teaching of Domestic Economy (Two Majors)*. Application of the general principles of teaching to the teaching of the various branches of Domestic Economy in elementary and high schools. Correlation with other studies in the curriculum. History of the development of the domestic economy movement in the United States. Planning courses of study and equipment for specific schools. Practice teaching.

15. *Advanced Course in Cooking (One Major)*. This course is intended (a) to give additional practice in cooking, especially in large quantities; (b) practice in demonstrations; (c) practice in applying school-room methods in cooking.

Prerequisite 9, 5 and 14.

16. *Sewing (One Major)*. This course is designed for normal students who enter without credit in sewing, and others who need work to supplement Sewing 7 and 8. It will include a study of stitches used in decorative art, with application to wearing apparel and household articles.

17. *Millinery (One Major)*. This course includes: (a) The planning and making of a wire frame, and the covering with straw, lace or embroidery.

(b) The study of color, shape and trimming as to suitability and becomingness.

(c) Simple trimming. Use and renovation of old materials.

(d) Making and covering of a miniature buckram frame.

ENGLISH

The work of the Department of English has four general aims: 1. Power to speak well and write well. 2. An intelligent love of good literature. 3. A knowledge of the laws which govern expression of thought by words. 4. Familiarity with the chief facts of the history of the English language and literature.

To accomplish the first of these ends, effort is made to improve the everyday spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and to avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the history of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

1. (a) *Study of Literature*: "Kidnapped," or "Treasure Island," and "Last of the Mohicans."

Composition: Short Narrations and Descriptions; special attention to spelling, punctuation and sentence structure.

(b) *Study of Literature*: "The Lady of the Lake," and Julius Caesar."

Composition: Same as course (a) Weekly Themes (*Two Majors*).

2. (a) *Study of Literature*: "The Merchant of Venice;" "The Ancient Mariner;" "The Vision of Sir Launfal."

(b) *Composition*: More advanced work along same line as in Course 1 (b), with additional attention to correct and effective use of words, review of fundamental principles. Weekly Themes (*One Major*).

Prerequisite, Course 1.

In addition to Course 2, second-year students take English one hour per week for two quarters. This consists of Irving's "Oliver Goldsmith," Eliot's "Silas Marner."

HIGHER ACADEMY

3. (a) *Study of Literature*: "Macbeth," "Idylls of the King," "Ivanhoe."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly (*One Major*).

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration, with introductory study and practice in exposition and argumentation; themes twice a week, one oral debate before the class. Study of "Speech on Conciliation with America," selections from Sir Roger de Coverly Papers, and Macauley's Essays on Johnson and Addison, with special attention, in connection with the theme work, to rhetorical elements, Emerson's Essays (*One Major*).

Prerequisite, Course 3.

5. *Study of Literature* (*One Major*). "The Tempest," "L'Allegro," "Il Penseroso," "Comus" and "Lycidas;" Pope's Rape of the Lock; selected

poems of Burns; Carlyle's "Essay on Burns." Special attention is given in the history of literature from the Elizabethan period to the Romantic period.

Prerequisite, Course 4.

COLLEGE

6. *Rhetoric and Composition (One Major)*. A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition and argument. Themes required weekly.

Prerequisites, Courses 4 and 5.

7. *English Literature (One Major)*. Introductory study of the history of the English language and literature, with accompanying study of selected poetry and prose.

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition (One Major)*. Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style.

GERMAN AND FRENCH

I. GERMAN

The aim of Courses 1 and 2 is the acquisition of a large vocabulary and of such knowledge of the structure of the language as will enable the student to translate at sight German of moderate difficulty. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode, and the simpler idioms. Frequent practice in conversation and in translation from English into German familiarizes the pupil with ordinary colloquial German. Courses 3 and 4 extend the student's acquaintance with the best modern German prose, as well as with the literary movements of the eighteenth century.

HIGHER ACADEMY OR COLLEGE

1. *German Grammar*. Leander, *Traumereien*; Storm, *Immensee*. Translation at sight is introduced as early as practicable. (*Three Majors*).

2. Thomas, *Practical German Grammar*, Part 1; Bernhardt, *German Composition*. The texts read are the following or equivalents: Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Heyse, *L'Arrabbiata*; Benedix, *Einer muss heiraten*. Sight translation of simple prose, colloquial practice.

Review of Elementary Grammar, study of more advanced grammar, prose composition and "freie reproduction." (*Three Majors*).

COLLEGE

3. Thomas, *German Grammar*, selections from Part II; Jagemann, *German Syntax*; Pope, *Prose Composition*.

The texts read are the following or equivalents: Rosegger, *Waldheimat*; Scheffel, *Ekkehard*; Sudermann, *Frau Sorge*; Goethe, *Iphigenie*. Sight translation; a systematic review of grammar, constant practice in oral and written expression.. (*Three majors*.)

4. Critical reading of representative works of Lessing, Goethe and Schiller; such as, Goethe, *Hermann and Dorothea* (private reading), *Egmont*, selections from *Dichtung and Wahrheit*; Lessing, *Emelia Galotti*, *Nathan der Weise*; or Schiller, *Maria Stuart*, *Wallenstein*, selections from *Der dreissig-jahrige Krieg*. Lyrics and ballads. A careful study of the above authors, together with themes in German on subjects suggested by the course. Colloquial practice with attention to modern German idiom. (*Three Majors*.)

In courses 2, 3, 4, German is the language of the class-room.

II. FRENCH

In the first year of this course, special stress is laid upon the principles of grammar and composition. Reading of easy prose, frequent dictation, memorizing French, and practice in conversation aid the student in understanding both written and spoken French.

In the second year, the study of the grammar is continued, together with more advanced composition. The reading includes some of the works of modern authors, as well as some of the classic dramas of the seventeenth century. Rapid sight-reading, conversational practice, dictation, and memorizing French form an important part of the course.

HIGHER ACADEMY OR COLLEGE

1. Fraser and Squair, *French Grammar*; François and Giroud, *Easy French*; François, *French Composition*, Part 1; Daudet, *La Belle Nivernaise*. (*Three Majors*.)

2. Fraser and Squair, *French Grammar*; Bouvet, *Syntax and Composition*; François, *French Composition*, Part II. The texts read are the following or equivalents: Erckmann-Chatrain, *Le Conscrit de 1813*; Augier, *Le Gendre de M. Poirier*; Sand, *La Mare au Diable*; Maupassant, *Huit Contes Choisis*; Moliere, *Le Bourgeois Gentilhomme*; Hugo, *La Chute*; Pailleron, *Le Monde où l'on s'ennuie*. (*Three Majors*.)

HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

2. *Civil Government (One Major)*. An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

HIGHER ACADEMY

3. *Greek History (One Major)*.

4. *Roman History (One Major)*.

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history. Causes leading to the transition to the medieval age.

COLLEGE

5-6. *European History (Two Majors)*. Following a rapid review of the changes during the Teutonic invasion of the Empire, the course traces the development of European history from the reorganization of the Empire by Charles the Great to modern times. Emphasis is laid on the connection between past and present, and on the more important questions and tendencies of today.

Prerequisite, Course 4.

7. *Topics in the Constitutional History of the United States (One Major)*. This course gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Note.—A valuable collection of public documents affords especial facilities for the work of this course.

8. *Economic History of the United States (One Major)*. This course continues throughout the year, two hours a week. It is designed to give the student a better understanding of the economic conditions of modern life, and of how to meet them.

LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; Caesar, *Gallic War*; Eutropius, *Roman History*; Nepos, *Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the College a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin, however, still forms the substantial part of the work. Close attention is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses translation at sight will form a part of the work. Each student will be encouraged to work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons (Three Majors)*.
2. *Caesar and Prose Composition (Three Majors)*.

HIGHER ACADEMY

3. *Vergil (Three Majors)*.
4. *Cicero, Orations; prose Composition (Two Majors)*.

COLLEGE

5. (a) *Cicero, De Senectute; Terence, Phormio (One Major)*.
(b) *Livy, Book I or XXI (One Major)*.
(c) *Horace, Odes (One Major)*.

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

II. GREEK

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Especial attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompanies the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected department library.

HIGHER ACADEMY

1. *Elementary Greek (Two Majors)*. Xenophon, *Anabasis*, Book I; Prose Composition (*One Major*).

2. (a) Xenophon, *Anabasis*, Books II and III, and Book IV, or selections from Xenophon, *Hellenica (Two Majors)*. Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books (*One Major*).

COLLEGE

(a) Plato, *Apology* and *Crito (One Major)*.

(b) Homer, about 12 books of the *Odyssey (One Major)*.

(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alcestis* or *Medea*; Sophocles, *Antigone (One Major)*.

Exercises in writing Greek and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).



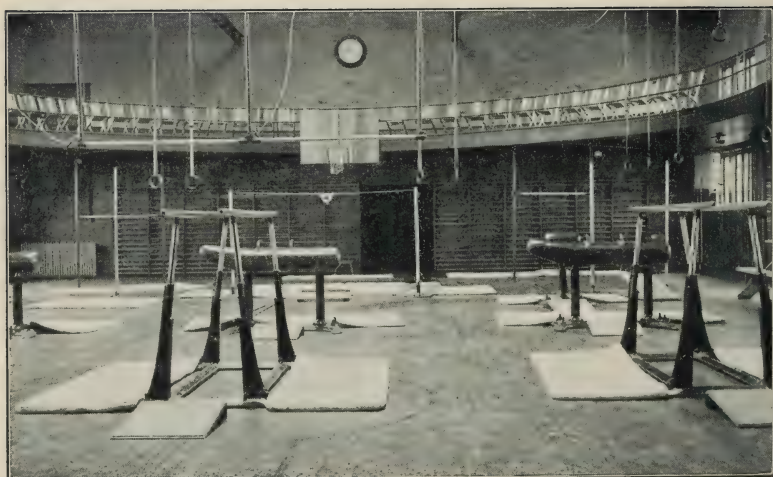
COOKING LABORATORY



SEWING ROOM



A CLASS IN LATIN



INSIDE THE MEN'S GYMNASIUM

MANUAL ARTS

This department gives (a) instruction in manual training and drawing to boys of the Lower Academy; (b) instruction in drawing to girls of the Lower Academy; (c) advanced courses in drawing, painting and designing to students in the Higher Academy and College; (d) courses in shopwork, drawing and engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) courses in shopwork and drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who are working toward a degree in engineering; (f) normal training to both men and women who wish to teach manual training and drawing.

LOWER ACADEMY

1. *Woodworking and Drawing (Three Majors)*. This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy.

During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. After the first few pieces pupils are allowed considerable liberty in the choice of the objects they make. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning. During a part of the year weekly illustrated talks are given on forestry, lumbering, kinds of wood, methods of sawing, seasoning and marketing lumber.

In drawing, the elements of mechanical drawing are given, with emphasis at first in the direction of working drawings; later, the theory of projection is taken up, also the study of developments of geometric solids. Text: Bennett, *Problems in Mechanical Drawing*.

2. *Metalworking and Drawing (Three Majors)*. The general plan of this course is similar to Course 1. It is a manual-training course in cold-metal working and is required of boys in the second year of the Lower Academy.

It consists of a large number of processes fundamental in metalworking. Among them are chipping, filing, fitting, polishing, beating, drilling, riveting, soldering, turning and spinning. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, copper trays and lanterns, tin funnels and dishes, and a great variety of other objects in copper and black iron. During a part of the course, students are encouraged to work from their own designs.

The drawing in this course is largely freehand, including a study of color, and during the first two quarters, is closely related to the shopwork. Designs for many of the shop problems originate in the drawing room. The third quarter is devoted to the principles of perspective and still-life drawing.

This course includes a series of illustrated talks on the mining of iron ore and the manufacture of steel.

3. *Freehand Drawing (One Major)*. A course in pictorial and decorative drawing required of girls in the first year of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing (One Major)*. This course is required of girls in the second year of the Lower Academy. The first half year is given to mechanical drawing, the second to practical work and design, centering upon needlework. The latter involves the study of color combinations and the laying on of flat tints with water colors.

HIGHER ACADEMY

5. *Framing and Wood-turning (One Major)*. A course in house and bridge framing, including the construction of the most important joints. An advanced course in wood-turning is given at the close of the work in framing, preparatory to pattern-making.

Prerequisite, Manual Arts 1.

6. *Pattern-making (Two Majors)*. The first half of this course covers the fundamental principles and processes of pattern-making, together with enough foundry work to demonstrate principles of pattern-making. During the second half, the class makes complete sets of patterns for machines to be constructed by students in the class in machine construction.

Prerequisite, Manual Arts 1 and 5.

7. *Cabinet-Making (One Major)*. This course in cabinet-making and wood-finishing may be taken in place of the second half of Course 6. It consists in designing and constructing pieces of wooden furniture, having as their leading characteristics simplicity, stability and pleasing proportions.

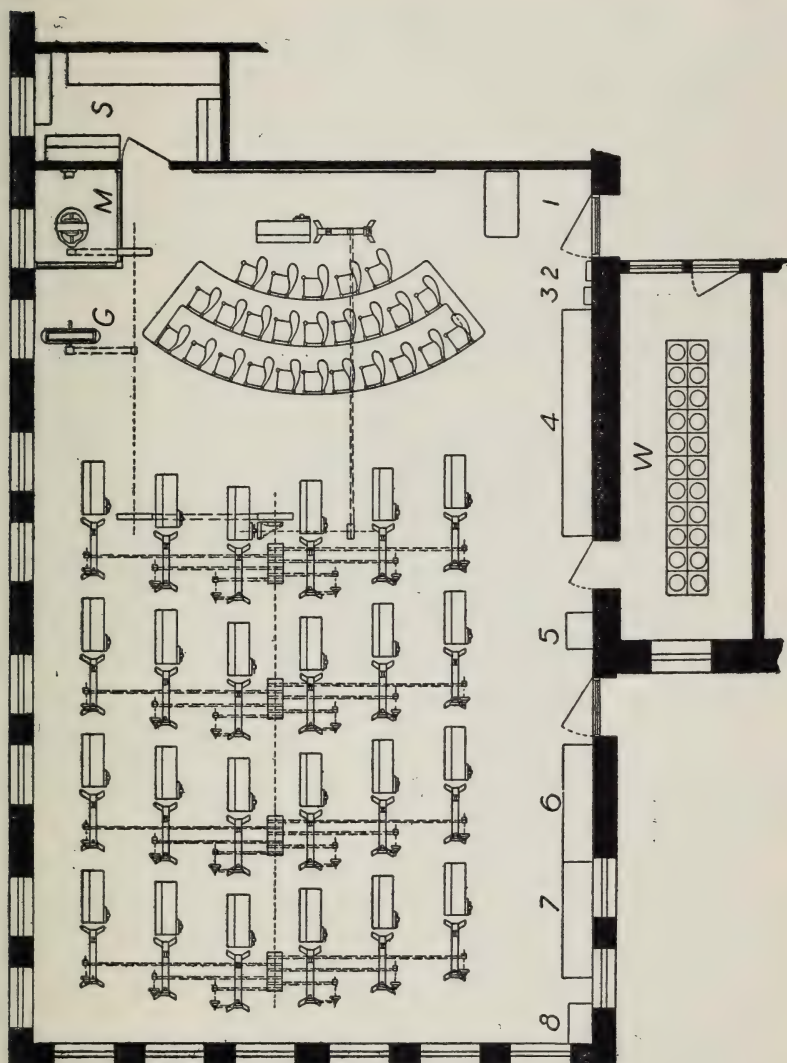
Prerequisites, Manual Arts 1 and 5.

* 9. *Foundry Practice (One Major)*.

*10. *Forging (Two Majors)*.

14. *Mechanical Drawing (One Major)*. This course is intended to give a thorough grounding in orthographic projection, developments and inter-

*This course will not be given during the year 1910-11.



WOODWORKING ROOM

- | | | | |
|---|----------------|---|-----------------------------|
| W | Wash Room | 3 | Switch Board |
| S | Storeroom | 4 | Case of Unfinished Work |
| M | Electric Motor | 5 | Case of Carving Tools |
| G | Grindstone | 6 | Bench for Gluing |
| 1 | Teacher's Desk | 7 | Finishing Bench |
| 2 | Key Board | 8 | Case of Finishing Materials |

sections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing, Machine Drawing or Descriptive Geometry, which follows. Text: Anthony, *Mechanical Drawing*.

Prerequisite, Manual Arts 1.

18. *Architectural Drawing (One Major)*. This course consists in making floor plans, elevations and details of summer cottages and suburban houses. The requirements of the modern home are considered from the standpoints of health, convenience and culture, and buildings are then designed to meet definite practical conditions. Students consult published plans and plans loaned by local architects. Text: Edminster, *Architectural Drawing*.

Prerequisite, Manual Arts 14.

12. *Freehand Drawing (Two Majors)*. (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink and water color. (b) One hour a week is spent in sketching from life. (c) Lectures on freehand perspective. For home work in connection with this course pupils are required to read Tarbell, *History of Greek Art*, and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2 or 3 and 4, or equivalent.

13. *Freehand Drawing (One Major)*. A continuation of course 12, adding pictorial composition and outdoor sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are required to read Goodyear, *Renaissance and Modern Art*, or some other book on the history of art which is approved by the teacher.

Prerequisite, Manual Arts 12.

21. *Lettering (One Major)*. This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing. Text: French and Meiklejohn, *The Essentials of Lettering*.

Prerequisite, Manual Arts 12.

26. *Machine-Tool Work (Three Majors)*. This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

24. *Steam and Electricity (Three Majors)*. This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines; (e) practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

COLLEGE

15. *Descriptive Geometry (Two Majors)*. A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces. Text: Randall, *Elements of Descriptive Geometry*.

Prerequisites, Manual Arts 14 and Mathematics 3.

16. *Machine Drawing and Design (Three Majors)*. This course includes (a) making drawings of standard machine parts, making working sketches and drawings from machines, and assembly drawings from working drawings. (b) Calculations for proportioning, and designs of bolts, keys, journals, bearings, couplings, feed screws, gears, and cams, with a study of tooth forms. (c) Analysis of mechanism, study of instantaneous centers and velocity polygons, and solution of problems of kinematics of machinery.

The course aims to prepare students for further work in engineering schools, but is modified for students who do not intend to continue their technical course and have not sufficient prerequisites, by emphasizing actual problems of modern drafting rooms. Text: Smith and Marx, *Machine Design*, and Dunkerly, *Mechanism*.

Prerequisites, Physics 2, Mathematics 6 and 7, and Manual Arts 14.

27. *Machine Construction (Three Majors)*. In this course one or more complete machines are made by each class. Special study is made of factory methods, cost of construction and the capacity of the tools used. Opportunity is given here to acquire considerable skill and to gain a wide range of machine-shop experience.

Prerequisite, Manual Arts 26.

19. *Drawing from the Antique (Three Majors)*. This course includes (a) drawing the full human figure and various details from the cast, ending with the draped live model and the human head; (b) history of painting by means of pictures, talks and text-book—Van Dyke, *History of Painting*.

Prerequisite, Manual Arts 12.

20. *Design (Two Majors)*. This course consists of problems in (a) theory of color, (b) theory of design, and (c) applied design. In connection with applied design, instruction is given in tooled leather work and stenciling.

Prerequisite, Manual Arts 12 or equivalent.

31. *Woodworking (Three Majors)*. This is a comprehensive course for prospective teachers of manual training. It is divided into three parts, namely.

(1) *Benchwork*. This consists of (a) a review of elementary problems in benchwork, (b) problems in joinery, (c) elementary wood-carving, (d) furniture construction, (e) methods of teaching woodworking.

(2) *Wood-Turning*. This includes spindle, face-plate and chuck turning, fitting and polishing.

(3) *Materials*. A lecture and laboratory course covering a study of woods (shrinkage, warping, hardness, elasticity, etc.), making collections of woods; (b) finishing—paints, stains, fillers, varnishes, wax, etc.; (c) study of nails, screws, glue, etc., used in woodworking.

Prerequisite, Manual Arts 5 and 7, or equivalent.

32. *Drawing (Two Majors)*. A course arranged to meet the needs of teachers of manual training. The work of the first quarter consists of (a) a review of elementary mechanical drawing, (b) more practice in making working drawings, (c) a study of lettering and (d) methods of teaching drawing. During the second quarter, students in this course take up the study of House Construction, Sanitation and Decoration (Domestic Economy 10) with the students who are studying to become teachers of domestic economy. The third quarter is devoted to constructive design, including the designing of objects to be worked out in wood and metals.

Prerequisite, Manual Arts 14 and 20, or equivalent.

33. *Elementary Handwork (One Major)*. This course takes up several forms of constructive work not covered in Course 37. It includes book-making, pottery, knifework in thin wood, whittling.

34. *Organization of Manual Training (One Major)*. This course includes, (a) organization of manual training and art work in different kinds and grades of schools, (b) study of courses of instructions, (c) study of equipments, (d) planning equipments in detail to meet given conditions, (e) economic and engineering problems arising in equipping for manual training work. Lectures, discussions, reading, written work, and a thesis at the end of the course.

35. *History of Manual Training (One Major)*. This course covers (a) a brief study of the educational theory and practice of Pestalozzi, Froebel and other educational reformers, (b) educational handwork in European countries, (c) the development of manual training, art instruction and industrial education in the public schools of the United States. Lectures, discussions, reading and written work.

36. *Teaching Manual Training (One Major)*. In this course, (a) the principles of teaching are presented with special reference to the manual arts, (b) methods of teaching are considered, (c) and typical lessons observed, taught and discussed. Lectures, discussions, reading, written work, and practice teaching.

37. *Elementary Art (Three Majors)*. This course deals with typical forms of art and constructive work suitable for children in the elementary schools, and practicable under the conditions of the ordinary schoolroom.

The work involves the study of color, representation drawing, design, modeling, the elements of mechanical drawing and constructive work. It is a comprehensive course designed to meet the needs of those who are to become supervisors of art and handwork in the elementary schools.

Prerequisite, Manual Arts 12 and 14 or equivalent.

38. *Metalworking (Three Majors)*. This course covers a large number of fundamental processes in cold metal working, suitable for grammar and high schools. It includes clipping, filing, fitting, polishing, drilling, riveting, turning, threading, soldering and spinning; also hammered metal work, involving surface development, cutting, piercing, raising, hard soldering and coloring.

MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by means of concrete experiment and problem. This necessitates a close correlation of mathematics and science by the introduction of physical phenomena into mathematical courses. By actual experiment the student is led to clear and well defined ideas, confidence in methods, and a realization of the meaning of his work; at the same time it is not forgotten that mathematics is itself a great science. It is sought to lead the student to some appreciation of the nature and the scope of the realm of mathematical thought, and to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. He is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

LOWER ACADEMY

1. *Algebra (Three Majors)*. This course is the foundation of all subsequent work in mathematics. Algebraic, geometric and physical ideas are introduced by means of actual problems and laboratory experiments. Graphic methods are used at an early stage.

2. *Plane Geometry (Three Majors)*. Emphasis is placed upon the original solution of problems and theorems. Rules, compasses, protractors, co-ordinate paper, colored pencils and crayons are in constant use in the class room. A series of laboratory exercises has been arranged to illustrate the use of geometrical idea in physical phenomena. Direct measurements are made and reduced. Many problems are given involving the use of algebra. Some use is made of sines, cosines and tangents in the solution of triangles.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry (One Major)*. The more essential theorems of the subject are given. Some time is devoted to the construction of models and the solution of practical problems.

Prerequisite, Mathematics 2.

4. *Algebra (One Major)*. This is a continuation of Course 1, but gives a more extended and scientific treatment of subjects treated in that course. Other subjects are added, such as simultaneous equations, inequalities, and logarithms. It demands of the student the power to use Algebra as well as the ability to understand it.

Prerequisite, Mathematics 3.

5. *Plane Trigonometry (One Major)*. Much emphasis is placed upon the transformation of trigonometric functions.

Prerequisite, Mathematics 4.

COLLEGE

7. *Mathematics (Three Majors)*. This course takes up topics usually given in courses in Algebra, Analytic Geometry and Calculus, and treats them in a consecutive and homogenous manner. The more elementary and simpler portions of these subjects are considered, leaving the more complicated parts until the following year.

Prerequisite, Mathematics 5.

8. *Mathematics (Three Majors)*. This course is in continuation of Course 7, and includes Algebra, Analytic Geometry, Differential and Integral Calculus and Differential Equations.

Prerequisite, Mathematics 7.

9. *Surveying (One Major)*. A general course in the elements of Plane Surveying. Practice is given in the use of chain, tape, compass, level, transit, stadia. Practical problems are set and accurate plats are made.

Prerequisite, Mathematics 5.

10. *Analytic Mechanics (One Major)*. This course deals with the fundamental principles of the mechanics of engineering. It aims to establish these principles and emphasize their value by applying them to numerous engineering problems. The student is given a careful training in the use of mathematics as applied to such problems and in the use of engineering data.

Prerequisite, the student must either have had or be taking Mathematics 8.

PHYSICAL TRAINING

The department of Physical Training has supervision over all Gymnastic and Athletic activities. It is the aim of the department to give the students such exercises, games and sports as will best create and maintain a vigorous physical health. It endeavors to reach a large number of students, especially the weak and undeveloped, and to give exercise that will be within the capacity of each student.

The gymnasium is one of the largest and best equipped in the state. On the ground floor are to be found bowling alleys, pool tables, a swimming pool, showers and lockers. On the second floor besides the necessary offices are the gymnasium for men, another for women, club rooms and a lecture room. On the third floor is located a large social hall. Each gymnasium contains all the necessary apparatus and equipment for systematic physical training.

A large athletic field is provided for the use of students and all Inter-collegiate and Interschool games and meets are held here. The field is equipped with two baseball diamonds, a quarter mile cinder track, jumping and vaulting pits. All athletic activities are under the direct supervision of thoroughly trained instructors.

Three tennis courts are maintained on Bradley campus and five courts situated at the rear of gymnasium will be finished before the next school year.

A required physical examination is given to all students. Upon the basis of this examination special exercise and advice is given according to the needs of the individual student.

PHYSICAL TRAINING COURSES

I. FOR MEN

These courses include:

- (1) Marching to secure precision, carriage.
- (2) Calisthenics, to secure corrective hygiene.
- (3) Light apparatus work to develop courage, agility, muscular development.
- (4) Athletics to develop skill, agility, endurance, co-operation.

Note—The Physical Training Department aims to create and supervise athletic sports for students of all ages and sizes. To this end Soccer football, basketball, baseball leagues are operated in their respective seasons. These leagues are open to students who do not represent the school in inter-collegiate contests. Suitable trophies are awarded to the winners of each league.

II. FOR WOMEN

A physical examination is made of all women in the department by the director during the early part of the fall term. Well regulated physical exercise is then given to meet the needs of every student.

Physical exercise consisting of a graded, systematic course of healthful, body building exercise and recreation is required three hours per week during the first two years of each student's residence at the Institute.

(A uniform gymnastic suit is required and student should consult the director before procuring one.)

FIRST YEAR

1. Poise Lessons. (a) To teach the individual to do in the best way some of the common movements of everyday life—such as walking, standing, sitting, and the like. (b) To correct first stages of postural deformities—as round shoulders, drooping head, first stages of flat foot, pronated ankles, etc.

2. Work with wands, dumb bells, Indian clubs, gymnastic dances, folk dances and games.

SECOND YEAR

1. More advanced work with hand apparatus (Indian clubs, dumb bells and wands).

2. Apparatus work.

3. Aesthetic dancing.

4. Athletics, basketball, tennis, field hockey.

PHYSICS

The Department of Physics is thoroughly equipped with modern apparatus suitable for courses in Elementary and Advanced Physics as given in the first and second years of the best Engineering Colleges. The lecture room contains the apparatus for lecture demonstrations, including dark curtains for windows, electric projection lanterns, reflectoscope, gas, water, electricity, etc. The laboratories have a large amount of apparatus especially adapted for students' use. Here the elementary student comes in contact with the best of modern apparatus, thus obtaining at an early age a correct understanding of physical quantities.

The electric equipment, including standard ammeters, voltmeters, wattmeters, alternating and direct current, large storage cells, etc., presents an opportunity for advanced work in electrical engineering.

Special laboratories are provided for photometry and photography.

The library of the department is well supplied with the leading reference books, and all new books of importance will be purchased as they appear. The leading scientific and technical periodicals devoted to physics and electrical engineering are received. Advanced students are required to make abstracts of important scientific papers, thus becoming familiar with the scientific subjects of the day.

Students intending to enter other schools may anticipate work in Physics, either in lecture or laboratory work, if they have the required preparation.

HIGHER ACADEMY

1. *Elementary Physics (Three Majors)*. This introductory course is required of all students in the third year. It deals with the fundamental principles of mechanics, sound, magnetism and electricity, heat and light. The historical development and the practical application to daily life are emphasized.

The class is divided into sections of not more than fifteen for the laboratory work, which consists almost exclusively of quantitative experiments. Practically every algebraic expression used in physics forms the basis of a large number of practical problems in algebra. Recitations, laboratory and lectures, seven hours a week.

Prerequisites, Algebra, Plane Geometry.

COLLEGE

2. *Advanced Physics (Three Majors)*. This is a course in advanced Physics, in which the subject is treated both experimentally and mathematically. Great attention is paid in this course, both in lectures and laboratory, to the practical applications of the various branches. The work is carried on as in Course 1, except that more delicate instruments are used, and the mathematical side of the subject is more fully developed.

Lectures, four hours a week. Laboratory, five hours a week.

Prerequisites, Physics 1 and Plane Trigonometry.

3. *Theoretical Physics (Three Majors)*. The subject is treated more from the theoretical side than in Course 2. This course is especially designed for students intending to continue work in engineering schools. The laboratory work is similar to that given in the best engineering schools in the country. Accuracy is required throughout. In the more advanced work the student's attention is directed to the study of possible sources of error. A series of twelve lectures on this subject will be given in connection with the laboratory work.

Lectures, four hours a week. Laboratory, five hours a week.

Prerequisites, Physics 1, Plane Trigonometry, Analytic Geometry, and the student must either have had or be taking Differential and Integral Calculus.

4. *Theoretical Electricity (One Major)*. A course in the theory of Electricity and Magnetism. Lectures, five hours a week.

5. *Laboratory Practice (One Major)*. An advanced course in heat and light, ten hours per week.

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science, Engineering and six-year Mechanic Arts Groups, the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

A certificate is given to those who complete the Teachers' Course in Manual Training or Domestic Economy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature Groups, a student who enters the Institute from another institution will be required to do work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES

Tuition. The charges for tuition are as follows: Full work (3 or 4 classes), \$20.00 per quarter; 2 classes, \$15.00 per quarter; 1 class, \$10.00 per quarter. There are three quarters in the school year. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. No other fees are charged by the Institute, except that each student pays a gymnasium fee of one dollar per quarter. *Necessary text books and instruments will be provided by the Institute free of charge.* Tuition fees should be paid during the first two weeks of each quarter. Neglect to do so will render students liable to be refused admittance to classes. Checks should be made payable to Bradley Polytechnic Institute.

In some cases students are allowed to pay part or all of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits, (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at reasonable rates. The Institute will make special effort to secure satisfactory conditions as to boarding and rooming accommodations

in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute.

SCHOLARSHIPS

I.—SCHOLARSHIPS IN THE INSTITUTE

(a) *The Institute grants scholarships to the value of \$60.00 each, covering tuition in the College for a year—*

1. Two scholarships to members of the class graduating from the Academy, awarded by the Faculty. These are now held by John P. Minton and Mary Bibb.

2. Two scholarships to the two graduates of the Peoria High School having the highest rank. One of these is now held by Helen E. Mason.

(b) *The Institute grants scholarships of the value of \$60.00 each, covering tuition in the Academy for a year—*

1. A scholarship to the boy and to the girl standing highest in the Peoria county examination for the Eighth grade. One of these is now held by Roy Z. Eaton.

2. A scholarship to the boy standing highest in the Tazewell County examination for the Eighth grade.

(d) *The Board of Supervisors of Tazewell County gives a scholarship to the girl standing highest in the Tazewell County examination for the Eighth grade.*

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO

The University of Chicago grants each year to Bradley Institute, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. They are now held by Melitta A. Magaret and Louise M. Helmbold.

SUMMER SCHOOL

The Summer School, devoted to Manual Training and Domestic Economy, extended from June 28th to July 31st. It was conducted under the superintendency of Charles A. Bennett, head of the Manual Training Department, with the following instructors: F. D. Crawshaw, Furniture Making and Methods of Teaching Woodworking; Elida E. Winchip, Sewing; W. F. Raymond, Metalworking; Lucy E. Tripp, Applied Design; Clinton S. Van Deusen, Woodworking and Mechanical Drawing; Martha Shopbell, Cooking; Frederick H. Evans, Machine Drawing; Mary A. Wright, Manual Training for Elementary Schools.

The following courses were offered: 1. Organization of Manual Training. 2. Manual Training for Elementary Schools. 3. Woodworking. 4. Mechanical Drawing. 5. Machine Drawing. 6. Freehand Drawing. 7.

Metalworking for Grammar and High Schools. 8. Textiles and Plain Sewing. 9. Dressmaking. 10. Furniture-Making and Methods of Teaching Woodworking. 11. Wood-turning and Patternmaking. 12. Machine Shop Practice. 13. Design. 14. Design, Stenciling, Woodblock Printing, Leather Tooling. 15. Cooking.

The tuition for the Summer term is \$25 for three courses, \$20 for two and \$15 for one.

The students of the Summer School of 1909 came from the following States: Illinois, Indiana, Ohio, Missouri, Iowa, Minnesota, Pennsylvania, Wisconsin, Michigan, California, Colorado, Kansas, Montana, New York, Oregon, South Dakota, Texas, Oklahoma, Canada. Several of these were college graduates, the great majority were teachers.

The Summer School for 1910 will offer similar courses. It is held from June 27 to July 30.

UNITED STATES WEATHER BUREAU

During the summer of 1904 the United States Government erected a Weather Bureau Station at the north end of the campus on a lot granted by the Institute. This is under charge of Merton L. Fuller. Daily bulletins and weather maps are sent out from the station. Special lectures are given by Mr. Fuller to Institute classes.

CHAPEL AND SPECIAL EXERCISES

A brief chapel service, which all students are expected to attend, is held daily. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. At intervals the students and teachers in the School of Horology join the School of Arts and Sciences in a general assembly. On these occasions musical programs and addresses by prominent professional and business men on practical topics take the place of the chapel service.

On Saturday evening, February 26, a short play in German was given by members of the classes in Modern Languages. On April 8th a play in French was given.

The reflectoscope or lantern slides are frequently employed in connection with informal talks in different departments, especially Manual Arts, the sciences, History, the Ancient and Modern Languages.

PARENTS' MEETINGS

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes: 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 3. To discuss educational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The date of the Parents' Meeting for 1910-11 will be Thursday, October 20.

THE BOARD OF ATHLETICS

Athletics are under direct control of a board made up of five members of the Faculty and five representatives elected from various divisions of the school. Actions of the Board are of course subject to revision by the Faculty.

Special attention is being paid to athletics within the school; to this end a committee on inter-school athletics has been appointed by the Board. This committee encourages and directs all legitimate out-of-door sports by providing equipment for teams and arranging schedules.

MEMBERSHIP OF THE BOARD, 1909-1910.

Chairman, *ex-officio*—T. C. BURGESS, Director; The Faculty of Arts and Science—G. C. ASHMAN, Secretary, F. C. BROWN, Physical Director; C. S. VAN DEUSEN; The Horological Faculty—J. A. MINOR; The Horological School—G. W. MUNNIS; The College, LESTER R. MASON, ROY P. CARSON; The Higher Academy—HAROLD D. McCULLOUGH, ALLEN T. HINE; The Lower Academy—EDWARD MARTIN, LIONEL BONIFACE, WILLIAM SISSON; The Young Women—AMY KEITHLEY, JESSIE E. MERCER.

MANAGERS FOR 1909-1910

FRANK G. MERCER, Football; LESLIE S. LORD, Baseball; EDWARD MARTIN, Track; RICHARD F. GRANER, Tennis; HOWARD DURLEY, Basket-Ball.

THE COUNCIL

The Council consists of eight representatives from the student body and three from the Faculty.

Four of the students are elected from the College, two from the Higher Academy and two from the Lower Academy, equally divided between young men and young women. The young man from the Senior class acts as President of the Council. The Faculty members consist of the Director and two others (Wales H. Packard and Margaret McLaughlin) chosen by the Faculty.

The Council has under its care, The Tech, The Polyscope, Literary Societies, Clubs and Organizations, in short all student activities not conducted by the Athletic Board.

REPRESENTATIVES FOR 1909-10

College—FRANK E. GOODING, SANCHEN STREHLOW, EDITH RUTHERFORD, PAUL T. WELLES; Higher Academy—PAUL E. HERSCHEL, THEODORE PLACK, LILY L. KEITHLEY; Lower Academy—EMILY R. BENTON, JOHN H. HICKEN, ROSCO W. McCULLOUGH, JAMES H. BUNN.

ORGANIZATIONS

ARTS AND CRAFTS CLUB

The Arts and Crafts Club, as its name signifies, is a society whose purpose is to stimulate interest in art at Bradley Institute, and especially to recognize and encourage artistic handicraft among its members. The Club was organized in November, 1898.

The most important feature of its work is the annual spring exhibition. Here are gathered together the best pieces of art-craft work made by students, alumni and teachers during the year.

OFFICERS

President, ARTHUR F. PAYNE; Vice-President, EDWARD G. ANDERSON; Secretary, MAY G. MARSH; Treasurer, EVAN W. REICHELDERFER; Curator, MARY C. SCOVEL.

THE HISTORICAL SOCIETY

The Historical Society holds one regular meeting each quarter, and such special meetings as may be deemed advisable. Its purpose is (1) to study local history in its relation to State and National History; (2) to discuss historical topics and current events, especially those bearing on political,

economical and social questions; (3) to increase the student's interest in history by means of lectures, etc.

The leading topic for study this year has been the life of Lincoln.

OFFICERS

President, HARRY J. KLOTZ; Vice-President, ETHEL M. SUMMERS; Secretary-Treasurer, CHARLES A. ATWOOD; Chairman Executive Committee, CHARLES T. WYCKOFF.

ENGLISH CLUB

The purpose of the English Club is to create a greater interest in English Literature. During the past year the Club has studied selected poems of Browning.

The annual banquet was held at the Creve Coeur Club March 19. Miss Grace Hauk acted as toastmaster and Mrs. W. E. Cadmus gave the chief address. Short talks were given by Laura Geach and Harry Klotz.

OFFICERS

President, LOUISE I. DE LENT; Vice-President, ARSINA G. HAUKE; Secretary-Treasurer, JOHN MAYO GOSS.

THE PEDAGOGIC CLUB

The aim of the Pedagogic Club is two-fold—professional and social. It brings together students who are intending to become teachers of the manual arts or domestic economy for the discussion of problems of teaching and for social enjoyment. The club usually meets at the home of some local member.

OFFICERS

President, IVAH M. RHYAN; Vice-President, ETHEL M. SUMMERS; Secretary-Treasurer, EVAN W. REICHELDERFER.

LITERARY SOCIETIES

The Bradley Debating Club is a purely voluntary organization, meeting every two weeks and giving opportunity for practice in debating and also in other literary forms.

On Friday evening, March 11, a public debate was held at Bradley Hall between Bradley and Eureka College. The question was: "Resolved, that the permanent retention of the Philippines is an undesirable policy for the United States." The debate was won by Bradley. Her representatives were: Edwin E. Anderson, Harold Ballenger, Gordon Kellar.

The officers of the Bradley Debating Club are:

President, EDWIN E. ANDERSON; Vice-President, META BECKER; Secretary-Treasurer, PAUL E. HERSCHEL; Critics, EDWIN F. GEORGE, KATHERINE F. WALTERS.

THE TECH

THE TECH is a monthly paper conducted under the auspices of the Council. The editor-in-chief and business manager, associate editor and assistant business manager are elected from the student body by the Council.

STAFF FOR 1909-1910

Editor-in-Chief, HARRY J. KLOTZ; Associate Editor, J. M. GOSS; Business Manager, FLOYD E. SANFORD; Assistant Business Manager, WM. C. GIESSLER; Social Editor, MYRTLE M. LEININGER; Horological, A. T. WESTLAKE, JR.; Athletic Editor, ROGER SCHENCK; Staff Photographer, U. R. SEWREY; Staff Artist, LIONEL BONIFACE; Local, LOUISE I. DE LENT, VERRA M. THOMAS, LORING T. BUNN, JOSEPH S. PFEIFFER.

THE POLYSCOPE

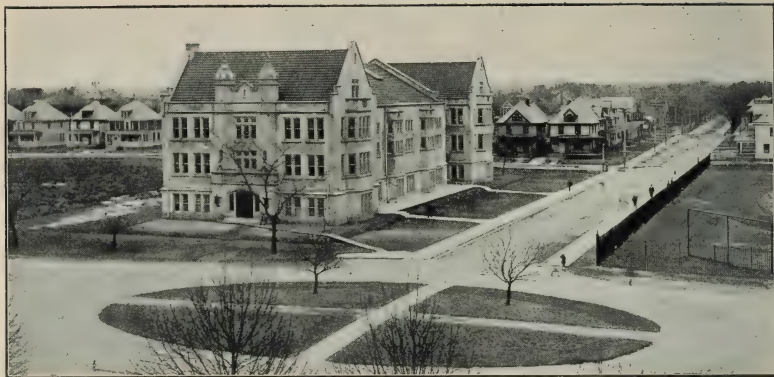
THE POLYSCOPE is the annual publication of the students. Like THE TECH it is under the control of the Council. The issue for 1909-10 contains a history of the school for the present year, records of athletic teams, work of school organizations, and the like. The staff is as follows:



WOODWORKING ROOM



MACHINE SHOP



THE GYMNASIUM



MACHANICAL DRAWING

Editor-in-Chief, AMY KEITHLEY; Business Manager, PAUL V. STREHLow; Assistant Business Manager, WM. J. RICHTER; Literary, MYRA H. KING; Locals, LESLIE S. LORD; Athletics, FRANK D. SMITH; Calendar, ARSINA G. HAUk, GLENN M. EBAUGH; Subscriptions, HAZEL L. HANCOCK; Horological, EARL WILKINSON; Staff Artist, EDWIN G. ANDERSON.

MUSICAL ORGANIZATIONS

The Chorus gives training in singing and in the interpretation of the best music. The work is voluntary. Membership is open to students and friends of the Institute. The Chorus numbers about fifty voices.

OFFICERS

Director, CHARLES T. WYCKOFF; Chairman Executive Committee, CARL A. TRAEGER; Pianist, JESSIE C. ARCHER.

The Bradley Symphony Orchestra is under the direction of Mr. Harold Plowe. Membership is open not only to students, but to all who are interested in musical culture. The orchestra has a membership of forty.

The Chorus and Orchestra gave a concert at Bradley Hall, April 2.

THE CHRISTIAN ASSOCIATIONS

The Young Men's Christian Association was organized in 1902, and the Young Women's in 1904. Both organizations prove important aids in promoting the best interests of the school.

OFFICERS OF THE ALUMNI ASSOCIATION

President, HARRY DALE MORGAN '04; Vice-President, ANNIE C. TRACY '01; Secretary, VIVIAN BONIFACE '09; Treasurer, GROVER C. BAUMGARTNER '09.

THE TWELFTH CONVOCATION

The twelfth convocation was held in Bradley Hall, Friday evening, June eighteenth. The invocation was offered by the Reverend Wm. E. Cadmus. Professor James Hayden Tufts of the University of Chicago gave the address on the theme, "The Liberal and the Practical." This was followed by the annual statement of the Director.

THE DIPLOMA OF THE INSTITUTE was conferred upon the following graduates:

IN THE SCIENCE GROUP—Frederick A. Causey, Hugh E. Cooper, David E. Harris, Constance C. Heckman, Irene C. Lidle, Edith B. Love, Edward N. Munns, Carl L. Pfeffinger, Harry E. Schweitzer.

IN THE ENGINEERING GROUP—Edward A. Cushing, Lucius A. Fritze, William H. Hudson, Roy A. Keller, Frederick G. Lindeburg, Robert Plowe, Frank W. Werckle.

IN THE MECHANIC ARTS GROUP—Glenn M. Ebaugh.

IN THE CLASSICS GROUP—Louise M. Helmbold, Melitta A. Magaret, Merrill I. Schnebly.

IN THE LITERATURE GROUP—Bertha Baughman, Grover Baumgartner, Anna Bibo, Vivian Boniface, Hazel M. Brown, Bernadette M. Cashin, Erma Donathen, Susan A. Kellogg, Marie A. Knapp, William M. Shoop.

The graduates from these groups were given respectively the Degree of Associate in Science, Associate in Arts and Associate in Literature.

THE TEACHERS' CERTIFICATE was conferred upon the following who had completed the required work:

IN MANUAL TRAINING—Carroll A. Angier, Richard G. Bilger, Harry G. Bower, Eleanor Coen, Robert C. Craig, Harold W. Everley, George F. Foth, Augusto Hidalgo, George F. Hutter, Edward Kurtz, William D. McLemore, Ralph G. Millen, Edwin A. Ross, Vernon E. Sayre, Stella Shields, Robert J. Smith, E. Ray Tompkins, Ella C. Westlake, Bristol E. Wing.

IN DOMESTIC ECONOMY—Etta M. Allison, Olive A. Balcke, Bertha Baughman, Bertha Case, Annetta E. Fulford, Cora B. Miller, Florence E. Ritter, Margaret Waters.

The University of Chicago Scholarships were won by Merrill I. Schnebly and Vivian Boniface; alternates, Melitta A. Magaret and Anna Bibo.

The Academic Certificate was conferred upon the following students:

IN THE SCIENCE GROUP—Caroline C. Baughman, Thomas Chalmers, Bessie M. Coleman, Florence O. Drury, Fred N. Kenyon, Leslie S. Lord, Frank G. Mercer, Hazel N. Spence.

IN THE ENGINEERING GROUP—Charles H. Apple, Loring T. Bunn, Wilbur E. Flood, William C. Giessler, Rudolph H. Hicken, Herbert S. Kilby, John H. Kuhl, Harold D. McCullough, John P. Minton*, Walter E. Neal, Bennett R. Parker, Roger Schenck, Frank D. Smith, Paul V. Strehlow.

IN THE LITERATURE GROUP—Mary Bibb, Arsina G. Hauk, Ralph H. Jackson, Jean H. Love, Jessie E. Mercer, Margaret K. McLaughlin, Marguerite Richmond*, Edith Rutherford*, Ella C. Sengenberger, Verra M. Thomas.

IN THE CLASSICS GROUP—James A. Hunter.

The Institute Scholarships were won by John P. Minton and Mary Bibb; Alternates, Verra M. Thomas and Rudolph H. Hicken.

IN THE HOROLOGICAL DEPARTMENT the diploma for completion of the course in watch work was conferred upon Donald Dobrowsky.

The Diploma in Optics was conferred upon W. S. Bailey, C. N. Patrick, F. J. Ritter, A. M. Rice, R. R. Joslin, C. J. Brislen, F. G. Baker, Victor Ruderick, A. C. Strickler, C. M. Ruggles, C. H. Trullinger, L. M. Allen, B. B. Branamann, R. K. Hallum, L. D. Grow, Arthur Briggs, L. Fictor, W. R. Jenkins, B. E. Stevens, O. C. McClendon, Ray McCarty, R. S. Baxter, A. A. Wessler, V. L. Chamberlin, J. D. Prestwood, H. Clasen, L. A. Van Court, O. Foley, Chester Reed, F. A. Main, J. E. Keller, L. E. Bertmann, N. P. Lansinger, V. V. Brownson, G. A. Laudelius, Isaac Cartmell, C. J. Hulquist, Ernest Ficken, J. W. Coffman, T. F. Galligan, G. E. Bradley, A. F. Hanson, H. J. Giles, W. A. Zietler, J. D. Brown.

FOUNDER'S DAY

The thirteenth annual observance of Founder's Day was held Friday, October 8. The invocation was offered by the Reverend James Benson and the address was given by Dean Oliver A. Harker of the University of Illinois on "Character rather than Reputation." Miss Louise I. De Lent and Miss Jessie M. Archer furnished music on the organ.

LECTURE COURSE, 1909-1910

CHARLES A. BENNETT: November 5

"Some Suggestive Features of Industrial Education in Germany."

WALES H. PACKARD: November 19

"Wild Birds in Their Home Life."

GEORGE C. ASHMAN: December 10

"Radioactive Phenomena."

PROFESSOR RICHARD GREEN MOULTON, of the University of Chicago:

Six Lectures on the Tragedies of Shakespeare, Friday evenings, January 7-February 11. Professor Moulton's illness prevented the completion of this series.

ATHLETIC BENEFIT

Under the auspices of the Athletic Board "Goliath" was presented at the Grand Opera House, April 16th, 1909. Mr. Frank T. Wallace superintended the preparation of the play. Leslie Meidroth and Donald Smith acted as business managers and the Bradley Symphony Orchestra furnished the music.

The following students composed the cast: James Aylward, Grover Baumgartner, Hugh Cooper, Wilbur Forrest, Geisert Howard, Marie Knapp, Leslie Lord, Lucile Maple, Leslie Meidroth, Harold McCullough, Carl Pfeiffer, Julia Voorhees.

*Completed Academic work before Spring Quarter.

GRADUATES OF BRADLEY POLYTECHNIC INSTITUTE

1898

UNLAND, CORINNE C. (MRS. JAMES H. ANDERSON), 2 Oakdale Terrace,
Louisville, Ky.
Literature; University of Chicago, 1898-1900.

1899

ANDERSON, JAMES H., 2 Oakdale Terrace, Louisville, Ky.
Science; Winner University of Chicago Scholarship; University of Chicago, 1899; Chemist, American Cotton Oil Co., 1900-5; Industrial Cotton Oil Co., New Orleans, La., 1905-8; Union Oil Co., 1908-9.

LYON, CHARLES H., 307 S. Seventh St., Seattle, Wash.
Classics; Winner University of Chicago Scholarship; Student in Mechanical Engineering, Y. M. C. A. School, Peoria, 1904-5; City Electrician, Peoria, 1905-9; Business, Seattle, Wash., 1909—.

1900

CROFOOT, MARGUERITE (MRS. C. C. LEFFINGWELL), 85 Park Ave., Passaic, N. J.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2; A. B., *ibid.*, 1902, Honorable Mention; Teacher, Peoria Schools, 1902-3; Assistant in Greek and Latin, Bradley Institute, 1903-6.

DEXTER, JOHN R., Ardmore, Okla.
Literature; University of Chicago, 1900-2; Ph. B., *ibid.*, 1902; President Indiana Trust Co., Ardmore, Okla.

HOOD, FLORENCE (MRS. H. M. SOLENBERGER), 833 S. Grand Blvd., Springfield.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1900-2, A. B., *ibid.*, 1902; Registrar Chicago Bureau of Charities, 1903-4.

LEFFINGWELL, CLARENCE C., 416 W. 13th St., New York.
Literature; University of Chicago, 1901-2, Ph. B., *ibid.*, 1902; Assistant in Greek and Latin, Bradley Institute, 1901-3; Private Tutor, 1903-4; with P. F. Collier & Son, Publishers, New York City, 1904—.

PAGE, ROY, Peoria.
Science; Cornell University, 1900-1; Business, Chicago, 1902-6; engaged in fruit culture, San Cristobal, Cuba, 1907; With Brown, Page & Hillman, Peoria, 1908—.

*NELSON, CARL G.,
Classics; Augustana College, Rock Island, 1900, 1902-3; B. D. and M. A., *ibid.*, 1903; University of Chicago, 1901-2; called to a church in Manson, Ia.

PARKER, MARGUERITE (MRS. FRANK L. HINMAN), Tremont.
Science; University of Chicago, 1900-2, B. S., 1902; Teacher in Peoria Schools, 1902-4.

RICE, MARY VIRGINIA, 1658 Humboldt St., Denver, Colo.
Literature; University of Michigan, 1900-2, A. B., *ibid.*, 1902; Teacher, Peoria Schools, 1903-6; Student University of Chicago, Summer 1906; Rock Island High School, 1906-8; Denver Manual Training High School, 1908—.

SANNER, LAURA E. (MRS. ROBERT PARKER), Sterling, Colo.
Literature; Teacher, Wyoming, Ill., Schools, 1900-2.

SMITH, RALPH H., Lancaster, Ohio.
Classics; University of Chicago, 1900-3, A. B., *ibid.*, 1902; Starling Medical College, 1903-5, M. D., *ibid.*, 1905; Interne, St. Francis Hospital, Columbus, 1905-6; Physician, Lorain, Ohio, 1906-9; Lancaster, Ohio, 1909—. Married (January, 1909,) to Theo. M. Vickery.

WARBEKE, JOHN M., Williamstown, Mass.
Classics; Princeton University, 1901-3, A. B., *ibid.*, 1903; Student of Philosophy, University of Leipzig, and travel in Europe, 1903-6, Ph. D., *ibid.*, 1906; Instructor in German, Williams College, 1906-9; Instructor in Philosophy, *ibid.*, 1909—. (Married (July, 1908,) to Norah McCarter.

1901

BRUBAKER, HAROLD C., 6542 Ellis Ave., Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1901-3, A. B., *ibid.*, 1903; Western Electric Co., Indianapolis, 1903-6; *ibid.*, Chicago, 1906-7; Goodman Manufacturing Co., Chicago, 1906—.

*Died, 1905.

FULLER, WALTER, Clinton, Iowa.
Science; University of Chicago, 1901, S. B., *ibid.*, 1904; Student Laboratory-Inspector, *ibid.*, 1901-4; Chemist, Kennicott Water Softener Co., Chicago, 1905-6; Chemist, Glucose Sugar Refining Co., Pekin, 1906; U. S. Gypsum Co., Chicago, 1907-8; Clinton Sugar Refining Co., 1908—.

GEIGER, MABEL L., 1120 Perry Ave., Peoria.
Classics; University of Illinois, 1901-2; B. L. S., *ibid.*, 1903; Student, Summer School, Bradley Institute, 1908; Teacher, Peoria Schools, 1903—.

KELLY, MILDRED (MRS. WM. J. ANICKER), Muskogee, Okla.
Literature; Mt. Holyoke, 1902-3.

MACCLYMENT, GEORGE R., 419 Observatory Bldg., Peoria.
Science; University of Chicago, 1901-3; Assistant Cashier of Bank, Scott, Wrigley & Hammond, Wyoming, 1903-7; Assistant Manager Lydia Bradley Estate, 1907—.

OLMSTEAD, MAUD C. (MRS. E. V. LAWRENCE), 213 Rodgers Ave., Bellevue, Pa.
Science; Assistant in Sewing, Bradley Institute, 1901-5; Social Settlement Work in Cooking, Pittsburg, 1909—.

PORTER, ALBERT L., Brookfield.
Science; Student in Correspondence Course in Architecture, Chicago, 1901; Mechanical Draftsman, Chicago; Designer Water Softening Machinery, 1904-5; Engineering Department Fairbanks-Morse Co., Chicago, 1906—.

SWANSON, E. ADELIA, 406 N. College St., Rochester, Minn.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1901-2, Ph. B., Honorable Mention, *ibid.*, 1902; Teacher of German and English, High School, Indianola, Iowa, 1902-3; Teacher of German, High School, Owatonna, Minn., 1903-7; Teacher of German and Principal of High School, Manning Ia., 1907-8; Teacher of German, High School, Rochester, Minn., 1908—.

TRACY, ANNIE C., 313 Callender Ave., Peoria.
Literature; Teacher Peoria Schools, 1901—.

WEIRICK, ANNIE C., Bradford, Mass.
Literature; University of Chicago, 1901-3, B. S., *ibid.*, 1903; Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y., 1903-7; Instructor in Science, Ferry Hall, Lake Forest, Ill., 1907-9; Instructor in Chemistry, Bradford Academy, Bradford, Mass., 1909—.

1902

BENNETT, FRANK W., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; A. B., *ibid.*, 1903, Honorable Mention; Instructor in English and German, Rose Polytechnic Institute, Terre Haute, 1904-9; travel in Europe, Summer, 1909; Head of Department of English and Instructor in Latin, Manual Training High School, Peoria, 1909—.

BRUBAKER, WILLIAM C., 6542 Ellis Ave., Chicago.
Science; Armour Institute of Technology, 1902-6, B. S., *ibid.*, 1906, White Scholarship, 1905; Foreman Template Dept. Pullman Co., Chicago, 1906—.

HANCOCK, TRACY M., Lacon.
Science; Business in Lacon, 1902—.

KELLOGG, ANNE A., 1017 State St., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; Ph. B., *ibid.*, 1903; Honorable Mention; Graduate Student, University of Chicago, Summer, 1905; Teacher of English and German, High School, Marquette, Mich., 1903-5; Teacher of German and English, High School, Peoria, 1905-8; Student, University of Berlin, 1908-9; Head of German Department, Manual Training High School, Peoria, 1909—.

KIRTLEY, LUTHER L., 123 So. 5th St., E. Salt Lake, Utah.
Science; Marietta College, 1900-01; University of Chicago, 1902-3; B. Sc., *ibid.*, 1903; Engineer, Eveleth, Minn., 1903-5; University of Chicago, Winter and Spring, 1905; University of Wisconsin, 1905-6; School of Mines, Columbia University, 1906-8; M. E., *ibid.*, 1908; with U. S. Smelting, Refining & Mining Co., Eureka, Utah, 1908—.

MERRELL, MORTON W., Mineral.
Classics; Northwestern University, 1902-4; A. B., *ibid.*, 1904; Garrett Institute, 1904-8; B. D., *ibid.*, 1908; Pastor M. E. Church, Sheffield, Ill., 1906—.
Married (May, 1908,) to Marie E. Fehrman.

- SWEETSER, IRVING J., 1421 15th Ave., Seattle, Wash.
Classics; with Phil Sheridan Mining Co., Washington, 1902-4; Standard Oil Co., Peoria, 1905-7; Montana St. Mill Co., Seattle, Wash., 1907—.
- THOMAS, GEORGE EARL, 608 Wisconsin Ave., Peoria.
Classics; Business, Peoria, 1902—.
- WELLS, EDGAR B., 1207 Chambers Ave., Peoria.
Science; University of Chicago, 1902-4; Ph. B., *ibid.*, 1904; Principal of High School, Delavan, 1905-6; Teacher of Science, Township High School, Pontiac, 1906-7; State Teacher's Certificate for Illinois, 1906; Supt. of Schools, Thomson, Ill., 1907-9; Instructor in Chemistry and Biology, Peoria High School, 1909—.
- 1903
- BALLANCE, WILLIS H., 256 Randolph Ave., Peoria.
Science; Cornell University, 1903-6; B. S., *ibid.*, 1906; with Weston Mott Co., Flint, Mich., 1906-8; with U. S. Brewing Co., Chicago, 1908-9; with Gipps Brewing Co., Peoria, 1909—.
- BELL, MARCIA (MRS. THOS. R. BLAIR), 323 Perry Ave., Peoria.
Literature.
- BOURLAND, JULIA P. (MRS. ARTHUR CLARK), 620 N. Elizabeth St., Peoria.
Literature; Smith College, 1903-5; A. B., *ibid.*, 1905; Instructor in Biology, Bradley Institute, 1905-6.
- BROWN, DELOSS S., 99 Barker Ave., Peoria.
Mechanic Arts; Business, Peoria, 1903—.
- CALVERT, MAUDE (MRS. OMER FOISIE), Seattle, Wash.
Literature; University of Chicago, 1903-4; Ph. B., *ibid.*, 1904; Teacher, Peoria Schools, 1904-5; Teacher of French, High School, Seattle, 1905-9.
- COWELL, MARK W., 221 Crescent Ave., Peoria.
Science; University of Michigan, 1903-6; A. B., *ibid.*, 1906; with Avery Co., Peoria, 1906-10; with B. Cowell, Peoria, 1910—.
- CUTRIGHT, SIDNEY B., 149 Maplewood Ave., Peoria.
Classics; Manager for Cutright & Russell, Peoria, 1903—.
- DURLEY, ELIZABETH R., 1825 7th St., Des Moines, Iowa.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1903-4; Teacher, Des Moines, Iowa, 1905-8; Ph. B., University of Chicago, 1908; Teacher, English and History, High School, Des Moines, Iowa, 1908—.
- DURHAM, MARGARET L., 306 N. Glen Oak Ave., Peoria.
Literature; Teacher Peoria Schools, 1904—.
- FAVILLE, MILDRED, Appleton, Wis.
Literature; University of Chicago, 1903-5; Ph. B., *ibid.*, 1905; Teacher, Peoria Schools, 1905-8; Teacher of Music in Public Schools and in Lawrence Conservatory of Music, Appleton, Wis., 1908—.
- GRABER, LOTTIE A. (MRS. W. J. WULSTEIN), Glenville, Neb.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1903-5; A. B., *ibid.*, 1905; Teacher, High School, Knoxville, 1905-7.
- HARPER, MARY J. (MRS. HENRY H. LANE), Norman, Okla.
Science; University of Chicago, Summer, 1901, 1904-5; B. S., *ibid.*, 1905; Scholarship in Zoology, *ibid.*, Assistant in Science, Bradley Institute, 1903-4; Teacher, Peoria Schools, 1905.
- JOBST, NETTIE (MRS. JOHN H. FRANKE), 511 N. Madison Ave., Peoria.
Science; Travel in Europe, Summers, 1905, 1906, 1908.
- JOSEPH, DON R., Rockefeller Institute for Medical Research, N. Y.
Science; Holder of Special Scholarship, University of Chicago; University of Chicago, 1903-4; B. S., *ibid.*, 1904, Honorable Mention; Brainard Medal in Anatomy, *ibid.*, 1904; St. Louis University, 1904-7; M. S., *ibid.*, 1906; M. D., *ibid.*, 1907; Assistant in Physiology, Medical Department, *ibid.*, 1904-7; Professor of Physiology, St. Louis Dental College, 1906-7; Publications, "Effects of Intravenous Injection of Pork Bone Marrow on the Blood-pressure," American Journal of Physiology; "The Influence of Organ Extracts of Cold-blooded Animals on the Blood-pressure," Journal of Physiology, London, Journal of Experimental Medicine; "The Influence of Vagus Stimulation upon the Development of Rigor in the Heart," "The Relation of the Heart-weight to the body weight in Animals." The Comparative Toxicity of the

Chlorides of Magnesium, Calcium, Potassium and Sodium, and numerous other articles in Scientific Journals, Member of N. Y. Society for Experimental Biology and Medicine, American Physiological Society, and American Society for Pharmacology and Therapeutics.

Research Fellowship, Rockefeller Institute for Medical Research, New York City, 1907-8; Assistant, *ibid.*, 1908—. Married (December, 1905,) to Lura I. Licklider.

PINGER, GEORGE C., 239 Spring St., Youngstown, Ohio.
Engineering; Cornell University, 1903-5; M. E., *ibid.*, 1905; Junior Member American Society of Mechanical Engineers; Draftsman, Snow Steam Pump Co., Buffalo, N. Y., 1905-6; Struthers Well Co., Warren, Pa., 1906; Wm. Tod Co., Youngstown, O., 1906-10; Republic Iron and Steel Co., Youngstown, Ohio, 1910—.

RICE, MONTGOMERY C., Libby, Mont.
Literature; University of Michigan, 1903-6; LL. B., *ibid.*, 1906; Admitted to Bar, Michigan and Illinois, 1906; Lawyer, Peoria, Ill., 1906-9; Lawyer, Libby, Mont., 1909; Deputy County Attorney, Lincoln Co., and City Attorney, Libby, Mont., 1909—.

RIDER, GEORGIA (MRS. GRANT M. MILES), 531 Moss Ave., Peoria.
Literature; Teacher, Tremont, Ill., 1904; Havana, Ill., 1906-8; Student, University of Chicago, Summer, 1907.

SCHIMPF, OSCAR J., 1201 North St., Peoria.
Engineering; Assistant City Electrician, Peoria, 1903-5; Chief Engineer and Electrician, Buckeye Powder Co., Edwards, Ill., 1905; with Mills Electric Co., 1906-7; Manager Electric Department for Wheelock & Co., 1907-8; with U. S. Steel Corporation, Gary, Ind., 1908-9; with Western Powder Co., Peoria, 1909—.

SCULLIN, BERTHA M., 715 College St., Peoria.
Classics; Winner University of Chicago Scholarship; Assistant in Sewing, Bradley Institute, 1903-5; University of Chicago, Summer, 1904, 1905-6; A. B., *ibid.*, 1906; Graduate Student, University of Chicago, Summer, 1909; Instructor in Domestic Science, Bradley Institute, 1906—.

SCHUREMAN, MARY O. (MRS. GEO. F. IMIG), 1223 N. 6th St., Sheboygan, Wis.
Literature; Smith College, 1904-6; A. B., *ibid.*, 1906.

SEATON, EDITH M., 412 N. Glendale, Peoria.
Classics; Teacher, Peoria Schools, 1903—.

STOCK, EDWARD F., 506 Sanford St., Peoria.
Science; Local Freight Office T. P. & W. R. R., 1903-6; Freight Accountant, *ibid.*, 1906-9; Chief Clerk, Freight Accounts, *ibid.*, 1909—.

STOWELL, LAURA A. (MRS. A. J. BOOKMYER), 4545 11th Ave., Seattle, Wash.
Science; Teacher, Domestic Economy, High School, Calumet, 1903-7; Everett, Wash., 1907-8.

SUMMERS, LILLIAN M. (MRS. JOHN B. TANSIL), 1017 Willet Ave., Memphis Tenn.

Classics; Northwestern University, 1903-4; Vanderbilt University, 1904-5; A. B., Northwestern University, 1905; Teacher, Peoria Schools, 1905-8.

TJADEN, HERTHA M., 205 S. Underhill St., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Domestic Science, Peoria Schools, 1906-7; Director of Domestic Science, Y. W. C. A., Rockford, Ill., 1907; Teacher, Public Schools, Peoria, 1908-9; Teacher of Domestic Economy, Peoria High School, 1909—.

WEST, VICTOR J., Box 234, Faculty Exchange, University of Chicago.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; Instructor in English, Bradley Institute, 1905-6; Secretary, Briggs Real Estate Co., Los Angeles, Cal., 1906-8; Fellow in Political Science, University of Chicago, 1908; Head of Snell Honse, *ibid.*, 1909—.

1904

BELSLEY, RAY J., 1405 N. Jefferson Ave., Peoria.
Engineering; Business, Peoria, 1904—.

BENTON, CHARLES K., Hood River, Ore.
Science; Dartmouth College, 1904-6; B. S., *ibid.*, 1906; Honorable Mention in Economics; Phi Beta Kappa; Business, Peoria, 1906-8; Fruit Ranch, Hood River, Ore., 1908—. Married (February, 1909,) to Edna Burton.

- BRUNINGA, JOHN H., McGill Bldg., Washington, D. C.
Engineering; Laboratory, Bureau of Standards, Washington, D. C., 1904-5; Draftsman, U. S. Navy Yard, 1905; Examiner, U. S. Patent Office, 1905-9; Student in Electrical Engineering, George Washington University, 1904-5; in Law College, *ibid.*, 1905-8; LL. B., *ibid.*, 1908; Junior Member American Institute of Electrical Engineers, and of Washington Society of Engineers; Patent Lawyer, 1909—. Married (September, 1904,) to Mary Amos.
- CUTRIGHT, LOIS I., 149 Maplewood Ave., Peoria.
Literature; Teacher, 1904-6; University of Chicago, 1906-7; Ph. B., *ibid.*, 1907; Teacher, High School, Salina, Kan., 1907-9; Teacher, Peoria High School, 1909—.
- ELSBREE, FLORENCE A. (MRS. J. O. CHAMBERS), Pierson.
Classics; University of Chicago, 1904; Shurtleff College, 1904-5; A. B., *ibid.*, 1905; Head of Language Department, Greer College, 1905-6; Special Teacher at Harrison School, Peoria, 1906-7.
- EVANS, ROLLA Q., 1030 17th St., N. W., Washington, D. C.
Science; Harvard University, 1904-6; Architectural Draftsman with Carrere & Hastings, of New York City, 1906-8; with Supervising Architect, U. S. Treasury, 1908—.
- GORSLINE, WM. W., 301 S. Garfield Ave., Peoria.
Science; University of Chicago, Summer, 1904; Graduate Student, Bradley Institute, 1904-5; University of Chicago, Summer and Fall, 1905; Summer, 1907-9, B. S., *ibid.*, 1907; Instructor in Mathematics, High School, Goshen, Ind., 1905-7; Instructor in Senior Mathematics, High School, Burlington, Iowa, 1907-9; Instructor in Mathematics, Manual Training High School, Peoria, 1909—. Married (December, 1907,) to Minnie Fick.
- GRIGSBY, HARRY D., 518 Monroe St., Topeka, Kan.
Science; University of Illinois, 1904-6, B. S., *ibid.*, 1906; Assistant City Engineer, Santa Anna, Cal., 1906-7; Chemist, C. R. I. & P. R. R., 1907—.
- HECKMAN, LILLIAN S. (MRS. R. W. POOL), 1429 38th Ave., Seattle, Wash.
Science; University of Chicago, 1904-6; S. B., *ibid.*, 1906.
- HELMBOLD, IDA J., 711 North St., Peoria.
Classics; Teacher, Peoria Schools, 1904—.
- MAYER, SIMON, 2822 S. Washington St., Peoria.
Classics; University of Chicago, 1904-5; A. B., *ibid.*, 1905; Engineering Department, C. & N. W. R. R., Pierre, S. D., 1905-7; Instructor Manual Training, Indianapolis, Ind., 1907-9.
- MILLER, CHARLES W., 1123 Smith St., Peoria.
Literature; University of Michigan (Department of Medicine and Surgery), 1904-8; A. B., *ibid.*, 1906; M. D., *ibid.*, 1908; Interne at Allegheny General Hospital, Pittsburg, Pa., 1908-9; Interne at St. Francis Hospital, Pittsburg, Pa., January to September, 1909. Married (December, 1909,) to Jennie Stewart Brown of Swissvale, Pa.
- MORGAN, HARRY D., 319 Main St., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention for Work in Senior College; Phi Beta Kappa; University of Chicago Law School, 1906-9; Member of Law Council, 1907-8; President of Senior Law Class, 1908-9; Secretary to Morton D. Hull, 46th General Assembly of Illinois, 1909; Lawyer, Peoria, Ill., 1909—.
- NEEF, FRANCIS J., Dartmouth College, Hanover, N. H.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; University of Lausanne and Travel in Europe, 1905-6; University of Berlin, Summer Semester, 1906; University of Berlin, Winter Semester, 1906-7; University of Leipzig, Summer Semester, 1907; Graduate Student, University of Chicago, 1907-8; Fellow in German, *ibid.*, 1907-8; Instructor in German, Brown University, 1908-9; Instructor in German, Dartmouth College, 1909—.
- OLMSTEAD, RALPH W., 5339 Indiana St., Austin.
Science; with Bartlett Frazier & Carrington, Chicago, 1900-8; with Jas. A. Patten, Chicago, 1908—. Married to Jannette F. Patteson of Peoria.
- PAUL, JOSEPH W., Watseka.
Engineering; Assistant in Manual Training, Rockford Schools, 1904-7; Instructor in Mechanical Drawing, Y. M. C. A. Night School, 1905-6; Graduate Student, Manual Training, Bradley Institute, 1907-8; Instructor in Manual Training, Wells School, Watseka, 1908—. Married (May 13, 1909,) to Jessie M. Colby.

- RITCHIE, VONNA V. (MRS. DELOSS S. BROWN), 99 Barker Ave., Peoria.
Science; James Milliken School of Music, Decatur, Ill., 1904-5.
- ROCKWELL, IVA F., (MRS. GEO. E. McMURRAY), 414 Barker Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention, Member University Council; Assistant, Ancient Languages, Bradley Institute, 1906-8.
- ROGERS, LULU E. (MRS. OTTO W. BOERS), Fountain, Colo.
Science; Teacher, Peoria Schools, 1905.
- SPECK, CHARLES H., 117 Broadway, Peoria.
Engineering; Business, Peoria, 1904-6; University of Chicago Law School, 1906-9; Ph. B., *ibid.*, 1909; Lawyer, Peoria, 1909—.
- STEMM, JOSEPHINE A., 514 St. James St., Peoria.
Literature; Teacher, Peoria Schools, 1904—.
- VANCE, MYRA L., 172 Institute Place, Peoria.
Literature; Teacher, Peoria Schools, 1907—.
- WILSON, EDNA L., Magnolia.
Literature; Teacher, Oak Park, Ill., 1905-9.

1905

- ARMSTRONG, JOHN E., 2236 E. 68th St., Cleveland, Ohio.
Engineering; Cornell University, 1905-8; C. E., *ibid.*, 1908; with Cleveland and Pittsburgh Division of the Pennsylvania Lines West of Pittsburgh, 1908—. Married (December, 1908,) to Jane Drake Wilson.
- BARTLEY, JOSEPH F., 1609 S. Adams St., Peoria.
Literature; Law Department, University of Michigan, 1906; LL. B., *ibid.*, 1908; Lawyer, Peoria, 1908—.
- BECHT, FRANK C., 1423 E. 62nd St., Chicago.
Literature and Science; Winner University of Chicago Scholarship; University of Chicago, 1905-6; S. B., *ibid.*, 1906; Fellowship in Physiology, *ibid.*, 1906-7; Assistant in Physiology, *ibid.*, 1907-9; Ph. D., *ibid.*, 1909; Associate in Physiology, *ibid.*, 1910—. Member of Sigma Xi; Publications American Journal of Physiology, "The Relation Between the Blood Supply to the Submaxillary Gland and the Character of the Chorda and the Sympathetic Saliva," "Mechanism by Which Water Is Eliminated in the Active Salivary Glands," "The Effect of Heat Upon Animal Tissue with Special Reference to Nerves," several other Articles in Scientific Journals. Married (September, 1908,) to Ruby Cumming.
- BOURLAND, FREDERICK B., Parma, Colo.
Engineering, Printing Business, 1905; Engineering Department, Briggs Real Estate Co., Los Angeles, Cal., 1906-7; Printing Business, Peoria, 1907-9; Superintendent of Ranch, Parma, Colo., 1909—.
- BRISLEY, MABEL L., Elmwood, Neb.
Literature; Normal Training Class, Peoria High School, 1906-9; Teacher, Peoria High School, 1906-9; Student, University of Chicago, 1909; to receive Degree of Ph. B., 1910.
- CATION, JENNIE G., 605 Bradley Ave., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Assistant in Domestic Economy, Lincoln Center, Chicago, October, 1906, to January, 1907; Manager's Assistant at the Home Delicacies Association, Chicago, January, 1907; Teacher, Home Economics, Loring School and Kenwood Institute, Chicago, 1907-8; Teacher of Domestic Science, Rockford Public Schools, 1908-9; Supervisor of Domestic Science, *ibid.*, 1909—.
- COOPER, MARILLA E., 415 Barker Ave., Peoria.
Literature; Oberlin College, 1905-7; *ibid.*, A. B., 1907; Teacher, High School, Wyoming, Ill., 1907-8; Teacher, Peoria High School, 1908—.
- COPES, KATHERINE, Havana.
Science; Teacher in Tazewell County Schools, 1905-6; Teacher, Delavan, 1906-8; Teacher of History, High School, Havana, Ill., 1908—.
- CUTRIGHT, FLORENCE A., Eureka, Ill.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1905-6; A. B., *ibid.*, 1906; Honorable Mention, *ibid.*; Teacher of Latin and English, Public Schools, Louisiana, Mo., 1907-8; Principal High School, Fairfield, 1908-9; Teacher, Eureka College, Eureka, Ill., 1909—.

- DICKSON, VICTOR H., 1411 Knoxville Ave., Peoria.
Engineering; Massachusetts Institute of Technology, 1905-7; B. Sc., *ibid.*, 1907; with Dickson & Co., Peoria, 1907-8; with H. G. MacClellan & Co., Chicago, 1908-9; with Bartholomew Co., Peoria, 1909; with Wm. R. Jones Plumbing Co., Peoria, 1910—.
- EDWARDS, NETA G., 5642 Madison Ave., Chicago.
Literature; University of Chicago, 1905-7; Ph. B., *ibid.*, 1907; Teacher, High School, Watseka, Ill., 1907-8; Principal of High School, Bremen, Ind., 1909—.
- HALE, VERA H., 6501 Kimbark Ave., Chicago.
Classics; Teacher, Mapleton, 1905-6; University of Chicago, Summer, 1906, 1908-9; A. B., *ibid.*, 1909; Teacher, Dolton Schools, 1906-9; Teacher, High School, Vermont, Ill., 1909—.
- HEYLE, ESSIE M., 127 Elmwood Ave., Peoria.
Science; Certificate in Domestic Economy, Bradley Institute, 1906; Student, Simmons College, Boston, 1906-7; Teacher of Domestic Science, Public Schools, Kansas City, Mo., 1907—; Student, University of Chicago, Summer, 1908-9; Student, *ibid.*, Spring and Summer, 1910; to receive degree of Ph. B., 1910.
- KANNE, VERONNA E., 1119 Trenton St., Los Angeles, Cal.
Literature; Teacher, Peoria Schools, 1905-6; Teacher of Domestic Science, Stimson Memorial School, Los Angeles, Cal., 1906-7; Los Angeles Public Schools, 1907—.
- KEITHLEY, GILES E., 1601 Knoxville Ave., Peoria.
Science; Lake Forest University, 1905-7; A. B., *ibid.*, 1907; with Clark, Quien & Morse, 1908-9; Student, University of Illinois (Law School) 1909—.
- LAGERGREN, GUSTAF P., 402 6th Ave., St. Cloud, Minn.
Literature; Draftsman, Illinois Steel Bridge Co., Jacksonville, 1905-6; University of Chicago, 1906; Draftsman, Lyon & Healy, Chicago, April to October, 1907; Senior College Scholarship, University of Chicago, 1907; A. B., *ibid.*, 1908; Instructor in Mathematics and Mechanical Drawing, High School, St. Cloud, Minn., 1908-10; with North Dakota Metal Culvert Co., Fargo, N. D., Summer, 1909.
- LYNCH, RALPH A., 908 Glen Oak Ave., Peoria.
Engineering; University of Illinois, 1905-8; A. B., *ibid.*, 1908; Chemist for Great Western Sugar Co., Eaton, Colo., 1908-9; Head Chemist, *ibid.*, 1909—.
- OSBORNE, ISABEL M., 418 Seventh Ave., Peoria.
Literature; Student, Domestic Science, Bradley Institute, and University of Illinois, 1906-9; A. B., University of Illinois, 1909; Teacher, High School, Delavan, Ill., 1909—.
- STRAESSER, MABEL S. (MRS. HERBERT R. SHOFF), 163 Glenwood Ave., Peoria.
Science; Teacher, Peoria Schools, 1905-8.

1906

- *BUCKLEY, MIRIAM E., 810 Glen Oak Ave., Peoria.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Peoria Schools, 1907—.
- COLBY, HENRY H., 703 12th Ave., Moline, Ill.
Science; Machinist, Granville, 1906, and Ottawa, 1907; Die Maker, Moline, 1908; Private Chauffeur, 1909—.
- COLLINS, BERYL B., 832 Marquette Bldg., Chicago.
Science; Law Department, University of Michigan, 1906-9; LL. B., *ibid.*, 1909; Admitted to Practice in U. S. District and Circuit Courts.
- COWELL, JOSEPH G., 221 Crescent Ave., Peoria.
Science; Graduate Student, Bradley Institute, 1906-7; University of Illinois, 1907-8; Student, Museum of Fine Arts, Boston, Mass., 1908-9; Student, Art Student's League (New York City), 1909—.
- DOUBET, MARY D., 107 Bigelow St., Peoria.
Classics; Teacher, Peoria Schools, 1906—.
- ELLIS, ELEANOR, 162 North Glenwood Ave., Peoria.
Literature; Winner University of Chicago Scholarship; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Domestic Economy, Public Schools, Kansas City, Mo., 1907-9; Teacher of Domestic Economy, Public Schools, Peoria, 1909—.

- FARLEY, NELLIE R., 223 Crescent Ave., Peoria.
Literature; University of Missouri, 1906-8.
- FAST, BYRON M., 926 S. 5th St., Springfield, Ill.
Science; Teacher of Manual Training, Grand Rapids, Wis., 1906-7; University of Illinois, 1907-9; B. S., (Engineering) *ibid.*, 1909; with Light, Heat & Power Co., Springfield, Ill., 1909—.
- GREVES, GEORGE L., 1423 Glen Oak Ave., Peoria.
Science; Graduate Student in Chemistry, Bradley Institute, 1906-7; Teacher of Manual Training, Peoria Public Schools, 1907-8; Teacher of Science and Manual Training, Sleepy Eye Minn., 1908-9; Student, Bradley Institute, Summer School, 1908-9; Student Assistant in Physics, Bradley Institute, 1909—.
- HARRIS, JOSEPH W., Carbondale, Colo.
Science; Graduate Student Bradley Institute, 1906-7; with Westinghouse Electric Co., Pittsburg, Pa., 1907-8; Ranch, Carbondale, Colo., 1908—.
- HELMBOLD, JESSIE T., 711 North St., Peoria.
Science; Teacher, Peoria Schools, 1906—.
- HAYES, VERA J., 227 Missouri Ave., Peoria.
Literature; Northwestern University, 1906-8; A. B., *ibid.*, 1908; Teacher, Peoria Public Schools, 1908—.
- HEYLE, FRANKLIN T., 127 Elmwood Ave., Peoria.
Engineering; University of Illinois, 1906-9; B. S. (Engineering), *ibid.*, 1909; Civil Engineer, Yawyer & Co., Indianapolis, Ind., 1909—.
- HUNTER, EDITH A. (MRS. RAY R. KUNKLE), Mackinaw.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Carrollton, Ill., 1906-7; Teacher, Domestic Science, Peoria Public Schools, 1907-8.
- KENDEL, J. ORVILLE, 1104 5th Ave., Peoria.
Science; with Avery Co., 1906—.
- KIRKPATRICK, MADGE I., 609 North Jefferson Ave., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Algebra and Domestic Economy, Pekin High School, Pekin, Ill., 1907-8; Student, Lake Forest College, 1908-9; Teacher of Domestic Economy, Peoria High School, 1909—.
- LUKENS, JOHN E., 126 South Ash St., Ottumwa, Ia.
Science; Teacher of Science, High School, Chariton, Ia., 1906—; Student, University of Iowa, Summer, 1908.
- LYDING, HARRISON A., 5436 Ingleside Ave., Chicago.
Science; Winner University of Chicago Scholarship; University of Chicago, 1906-8; Senior College Scholarship, *ibid.*, 1907-8; B. S., *ibid.*, 1908; Rush Medical College, 1908-10; M. D., *ibid.*, 1910.
- MILLS, HELEN S., (MRS. LAURENCE THOMPSON), 474 Chetwood St., Oakland, Cal.
Science; Student Assistant in Chemistry, Bradley Institute, 1906-7; Fabiola Hospital, Oakland, Cal., 1908-9.
- NEILL, LOUIE A., Scotia, Cal.
Engineering; Draftsman, American Hardware Co., Ottawa, 1906-7; with Gueder & Baosche, of Milwaukee, Wis., 1907-8; with Peoria Gas & Electric Co., 1908-9; with Pacific Lumber Co., Scotia, Cal., 1909—.
- PHILLIPS, IRENE L., Washburn.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Stark, Ill., 1907-8; Principal High School, Washburn, Ill., 1908—; Student, University of Chicago, Summer, 1909.
- ROCKWELL, FLOY E., Colfax.
Literature; Illinois Wesleyan University, 1907-9; A. B., *ibid.*, 1909; Assistant Principal, High School, Colfax, Ill., 1909—.
- SHEA, EDNA E., 335 Henry St., Peoria.
Literature; Teacher, Peoria Schools, 1906—.
- SIMMS, FRED S., 118 Pennsylvania Ave., Peoria.
Mechanic Arts; University of Illinois, 1906-7; Business, Peoria, 1907-8; B. S. (Engineering), University of Illinois, 1909; with Allis-Chalmers Co., Cincinnati, O., 1909-10; Head Electrician, Avery Co., Peoria, 1910—.

- TINEN, MARY E., 211 Sumner Ave., Peoria.
Literature; Teacher, Peoria Schools, 1906—.
- TOBIAS, AGNES M., 426 North St., Peoria.
Literature; Special Teacher of Drawing, Glen Oak School, Peoria, 1906-8; Drawing and Manual Training, Longfellow School, 1908—; Student, Summer School, Bradley Institute, 1907-9.
- WRIGHT, LELA M., Tolono.
Literature; University of Chicago, 1906; Ph. B., *ibid.*, 1908; Teacher of German, High School, Hot Springs, Ark., 1908-9; High School, Tolono, Ill., 1909—.

TEACHERS' CERTIFICATE.

- DAVIDSON, CHARLES R., 437 Jefferson, Bellevue, Pa.
Teacher of Manual Training, Allegheny, Pa., 1906-7; Bellevue, Pa., 1907—.
- GOLDSMITH, MAUD, 1114 Hancock St., Saginaw, W. S. Mich.
Supervisor of Manual Training in Grade Schools and High School, Bloomington, Ind., 1906-8; Assistant in Manual Arts, State Normal University, Normal, 1908-9.
- M McNABNEY, CHARLES, 1721 Boyelston St., Seattle, Wash.
Teacher of Manual Training, Lincoln High School, Seattle, Wash., 1906—.
- WRIGHT, MARY ALICE, Box 172, Irvington Sta., Indianapolis, Ind.
Teacher of Manual Training, Teachers Training School, Springfield, 1906-7; Assistant Supervisor of Manual Training and Drawing, Public Schools, Bloomington, Ind., 1907-8; Manual Training in District Schools, Indianapolis, Ind., 1908—.
- The Certificate in Domestic Economy was conferred upon Jennie E. Cation, Essie M. Heyle, Edith A. Hunter and Hertha Tjaden, whose records will be found on preceding pages.

1907

- BAKER, ARTHUR E., 1212 South Adams St., Peoria.
Science; Medical School; University of Michigan, 1907-9; Rush Medical College, 1909—.
- COALE, WILLIS B., 511 Machin St., Peoria.
Classics; Teacher, Tazewell Co., 1907—.
- FELTGES, EDNA M., 521 New York Ave., Peoria.
Literature; Teacher, Edelstein, 1907-8; Teacher, High School, Glasford, 1908-9; Student, University of Chicago, 1909-10.
- GRANT, SARAH J., 614 Green St., Peoria.
Literature; Art Institute, Chicago, 1907-8; Assistant Supervisor of Drawing, Peoria Public Schools, 1908—.
- HARTE, LOUISE W., Minonk.
Literature; Teacher, Glasford, Ill., 1907-8; Chillicothe, 1908—.
- HAUK, GRACE E., 61 Foster Hall, University of Chicago.
Classics; Winner University of Chicago Scholarship; Iowa Summer Library School, 1907; University of Chicago, Summer, 1908; Librarian and Assistant in English, Bradley Institute, 1907-9; Student, University of Chicago, 1909-10; to receive Degree of A. B., 1910.
- HAYWARD, JAMES C., 409 Dechman Ave., Peoria.
Science; Student, Cornell University, 1907—.
- KELLAR, HERBERT A., Manzanita Hall, Palo Alto, Cal.
Classics; University of Chicago, 1907-9; A. B., *ibid.*, 1909; Teacher of History and English, Manzanita Hall, Palo Alto, Cal., 1909—.
- MILLER, FREDERICK F., 613 Packard St., Ann Arbor, Mich.
Science; Medical School, University of Michigan, 1907-9; Rush Medical College, 1909—.
- O'BRIEN, EDNA M., Morton.
Science; Proctor Hospital Training School for Nurses, 1909—.
- PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Literature; Graduate Student, Bradley Institute, 1907-8; Student Assistant in Chemistry, *ibid.*, 1908-9; Teacher, Peoria Schools, 1909—.

RIDER, ELIZABETH, Pekin.
Literature; Teacher, High School, Chillicothe, 1907-9; Student, University of Chicago, 1909—.

ROBINSON, EULALIA, Goodfield.
Literature; Teacher, Goodfield, 1907-8; Student, Dennison University, 1908—.

ULRICH, LINA S., 118 Maplewood Ave., Peoria.
Literature; Mt. Holyoke College, 1907-9; A. B., *ibid.*, 1909.

WOOLNER, ROSE, 910 North Madison, Peoria.
Literature; University of Chicago, 1907-8; Ph. B., (with Honorable Mention), *ibid.*, 1909; Assistant in German, Peoria High School, 1908—.

TEACHERS' CERTIFICATE.

BOWMAN, BERTHA R., Mt. Carroll.
Teacher of Domestic Science, Frances Shimer Academy, Mt. Carroll, 1907—.

ELLIS, ELEANOR, 162 N. Glenwood Ave., Peoria.
Teacher of Domestic Science, Public Schools, Kansas City, Mo., 1907-9; Peoria Schools, 1910—. (See Class of 1906.)

FRANCIS, MYRTLE D., Mt. Carroll.
Teacher of Domestic Science, Girls' Industrial School, Evanston, October to March, 1907; Teacher, School of Domestic Arts and Science, Chicago, March, 1907-8; Supervisor of Domestic Science, Mankato, Minn., 1908-9; Snow College of Dressmaking, Summer, 1909; Teacher of Domestic Science, Frances Shimer Academy, Mt. Carroll, Ill., 1909.

KIRKPATRICK, MADGE I., 608 N. Jefferson Ave., Peoria.
Teacher of Algebra and Domestic Science, Pekin, Ill., 1907-8; Domestic Science, Peoria High School, 1909—. (See Class of 1906.)

NELSON, ALMA E., Stillwater, Minn.
Teacher of Manual Training, Valley City, N. D., 1907—.

TEFFT, MARY E. (MRS. CHARLES R. DAVISON), 437 Jefferson, Bellevue, Pa.

1908

BAILEY, MARTHA, 909 Knoxville Ave., Peoria.
Literature.

BECKER, HARRY S., 215 North Douglas, Peoria.
Engineering; Business, Peoria, 1908—.

BEECHER, BENJAMIN S., 408 Frye Ave., Peoria.
Literature; Student, University of Wisconsin, 1908—; to graduate, *ibid.*, June, 1910.

BOHL, FRANCIS J., Humboldt, Ia.
Science; Teacher, Humboldt College, 1908—.

DWINELL, MERRILL M., 227 East Armstrong, Peoria.
Literature; Teacher, Averyville High School, 1908-9; Assistant in Physics, Peoria High School, 1909—.

EASTON, SIDNEY H., 218 Fredonia Ave.
Science; Winner University of Chicago Scholarship; University of Chicago and Rush Medical College, 1908—; Student Assistant in Histology, *ibid.*, Summer, 1909; Mergler Scholarship in Physiology, 1909-10; S. B., University of Chicago, 1909; Honorable Mention in Anatomy and Physiology.

FABER, MARION, 118 E. Armstrong Ave., Peoria.
Classics; Student, Leland Stanford University, 1909, June, 1910; A. B., *ibid.*, January, 1910; Teacher, Peoria Schools, 1910—.

FULFORD, ANNETTE, 514 Russell, Peoria.
Science; Student in Domestic Science, Bradley Institute, 1908-9; Graduate, *ibid.*, 1909; Teacher of Domestic Science, Pekin, Ill., 1909—.

GEACH, LAURA E., 911 Chambers, Peoria.
Literature; Teacher, Averyville Grade Schools, 1908-9; Teacher in Averyville High School, 1909—.

GRANT, MARTHA I., 614 Green St., Peoria.
Literature; Student, University of Chicago, 1908-10; to receive degree of Ph. B., *ibid.*, 1910.

- GREGG, HAZEL, 510 Fourth Ave., Peoria.
Literature; Teacher, Peoria Schools, 1908—.
- GRIFFIN, HARRY K., Washington, D. C.
Science; Aid, Bureau of Standards, 1908-9; Laboratory Assistant, *ibid.*, 1909—; Student, George Washington University, 1908—; to receive Degree of A. B., *ibid.*, 1910.
- HANNAM, EMMA L., 919 N. Glendale Ave., Peoria.
Science; Teacher, Peoria Public Schools, 1908—.
- HAYWARD, MARGUERITE B., 203 S. Douglas, Peoria.
Classics; Assistant Principal, High School, Tremont, 1908—.
- HILLER, WILLIAM G., Urbana.
Engineering; Student, University of Illinois, 1908—; to Graduate, *ibid.*, 1910.
- LYNCH, HAROLD W., 515 Illinois, Peoria.
Engineering; Student, University of Illinois, 1908-10; completed work for A. B. Degree, *ibid.*, February, 1910; Business, Peoria, 1910—.
- MAHLE, GEORGE C., 809 Goodwin St., Peoria.
Classics; Teacher, Tazewell County Schools, 1908-9; Student at Wesleyan University, Middletown, Conn., 1909—.
- MASON, CHARLES G., 203 E. Armstrong, Peoria.
Classics; Student, University of Chicago, 1908—; to receive Degree of A. B., 1910.
- MACDONALD, ALEXANDER, 503 Seventh Ave., Peoria.
Engineering; Teacher of Mechanical Drawing, High School, Kansas City, Kan., 1908—.
- MORRIS, BESSIE M., 900 Knoxville Ave., Peoria.
Literature; Student, Bradley Institute, Fall and Winter, 1908; Teacher, Peoria Public Schools, Spring, 1909; Student, Oberlin College, 1909—.
- MOSS, M. ETHELWYN, 2415 Western Ave., Peoria.
Science; Graduate Student, Bradley Institute, Fall, 1908; Teacher, Peoria Public Schools, 1908—.
- MUIR, ELLEN A., 535 Linn., Peoria.
Literature; Graduate Student, Bradley Institute, 1908-9; Assistant Principal, High School, Farmington, Ill., 1909—.
- MURDUCK, R. KENNETH, Champaign, Ill.
Engineering; Student, University of Illinois, 1908—.
- RADLEY, OLIVE E., 109 N. Institute Place.
Literature; Teacher, Peoria Public Schools, 1908—.
- ROCKWELL, REXIE, 1417 Grand Ave., Davenport, Ia.
Classics; Teacher, Peoria County Schools, 1908-9; Student, Illinois Wesleyan University, 1909—.
- SPURCK, ROBERT M., Prospect Ave., Peoria.
Engineering; Student, University of Illinois, 1908—; to receive Degree of B. S., June, 1910.
- STRAESSER, CLARENCE W., 220 N. Institute, Peoria.
Literature; Business, Peoria, 1908—.
- WERCKLE, FRANK W., 220 N. Garfield, Peoria.
Mechanic Arts; Graduate Student, Bradley Institute, 1908-9; Draftsman with Acme Harvesting Machine Co., Peoria, 1909—.
- TEACHERS' CERTIFICATE.
- CARTER, LEONA F., Lewistown.
Teacher of Domestic Science, Lexington, Ill., 1909—.
- CURTIS, JOHN W., 115 N. Rodney St., Helena, Mont.
Supervisor of Manual Training, Helena, Mont., 1908—.
- GRIMM, EDITH L., Salina, Kan.
Teacher of Elementary Art and Handwork, Salina Public Schools, 1908—.
- KRAEGER, BERTHA E., Pekin.
Teacher of Domestic Science, Pekin Schools, 1908-9; Teacher of Domestic Science, Peoria Schools, 1909—.
- LINDSEY, TASSO, 201 N. 64th Ave., Oak Park.
Teacher of Manual Training, Public Schools, Oak Park, Ill.

- PAUL, JOSEPH W., Watseka.
Teacher of Manual Training, Wells Schools of Manual Training, Watseka, 1908—. (See Class of 1904.)
- PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Student Assistant in Chemistry, Bradley Institute, 1908—. (See Class of 1907.)
- SELVIDGE, ROBERT W., Columbia, Mo.
Professor of Manual Training, University of Missouri, 1908—.
- SIEPERT, ALBERT F., 141 Walnut St., Montclair, N. J.
Director of Manual Training, Normal School, Maryville, Mo., 1908-9; Student, Stout Institute, Summer, 1907, 1908, 1909; Teacher of Manual Training, Public Schools, Montclair, N. J., 1909—. Married (September, 1909,) to Ethel E. Brown.
- WILLIAMS, MARY E., Marion, Ind.
Teacher of Manual Training, City Schools, Marion, Ind., 1908—; Student, Chicago Art Institute, Summer, 1909.

1909

- BAUGHMAN, BERTHA, 402 S. 12th St., Quincy.
Literature; Teacher of Domestic Science, Public Schools, Quincy, Ill., 1909—.
- BAUMGARTNER, GROVER, 79 Hitchcock Hall, University of Chicago.
Literature; Student, University of Chicago, 1909—.
- BIBO, ANNA, R. F. D. No. 4, Peoria.
Literature; Teacher, Kingman School, Averyville, 1909—.
- BONIFACE, VIVIAN, 1525 N. Madison Ave., Peoria.
Literature; Winner of University of Chicago Scholarship; Assistant in English, Bradley Institute, 1909—.
- HAZEL M. BROWN, 613 Indiana Ave., Peoria.
Literature; Teacher, Peoria Schools, 1909—.
- CASHIN, M. BERNADETTE, 131 Chambers Ave., Peoria.
Literature; Student, Trinity College, Washington, D. C., 1909—.
- CAUSEY, FREDERICK H., Alexian Brothers Hospital, St. Louis, Mo.
Science; Student, St. Louis University (Medical School), 1909—.
- COOPER, HUGH E., 415 Barker Ave., Peoria.
Science; Student, University of Illinois, 1909—.
- CUSHING, EDWARD A., 2126 Main St., Peoria.
Engineering; with Avery Mfg. Co., 1909—.
- DONATHEN, ERMA, 124 N. Elmwood Ave., Peoria.
Literature; Graduate Student (Domestic Science), Bradley Institute, 1909-10.
- EBAUGH, GLENN M., 701 Seventh Ave., Peoria.
Machine Arts; Graduate Student (Engineering) Bradley Institute, 1909—.
- FRITZE, LUCIUS A., 511 E. Healy St., Champaign.
Engineering; Student, University of Illinois, 1909—.
- HARRIS, DAVID E., Seward.
- HECKMAN, CONSTANCE C., 201 S. Underhill St., Peoria.
Science; Teacher, Princeville, Ill., 1909—.
- HELMBOLD, LOUISE M., Greenwood Hall, University of Chicago.
Classics; Student, University of Chicago, 1909—.
- HUDSON, WILLIAM H., West Allis, Wis.
Engineering; Draftsman, with Allis-Chalmers Co., Milwaukee, Wis., 1909-10; with Westinghouse Electric Co., Pittsburgh, Pa., 1910—.
- KELLER, ROY A., 2805 Knoxville Ave., Peoria.
Engineering; with Peoria Gas & Electric Co., 1909—.
- KELLOGG, SUSAN A., 1017 State St., Peoria.
Literature; Teacher, Peoria Schools, 1909—.
- KNAPP, MARIE A., 350 Buena Vista Ave., Pekin.
Literature.

- LIDLE, IRENE C., 809 St. James St., Peoria.
Science; Teacher, Peoria Schools, 1909—.
- LINDEBURG, FREDERICK G., 458 50th Ave., West Allis, Wis.
Engineering; Draftsman, with Allis-Chalmers Co., Milwaukee, Wis., 1909—.
- LOVE, EDITH B., Foster Hall, University of Chicago.
Science; Student, University of Chicago, 1909—.
- MAGARET, MELITTA A., 211 S. Jackson St., Belleville.
Classics; Student, University of Chicago, 1909—.
- MUNNS, EDWARD N., 429 S. Division St., Ann Arbor, Mich.
Science; Student, University of Michigan, 1909—.
- PFEFFINGER, CARL J., Rush Medical, Chicago.
Science; Student, Rush Medical College, 1909—.
- PLOWE, ROBERT, 421 Frye Ave., Peoria.
Engineering; Assistant in Patent Law Office of C. W. La Porte, Peoria, 1909—.
- SCHNEELY, MERRILL I., 402 Linn St., Peoria.
Classics; Winner of University of Chicago Scholarship; Student, University of Chicago, Summer, 1909; Assistant in Chemistry, Bradley Institute, 1909—.
- SCHWEITZER, HARRY E., University of Chicago.
Science; Student, University of Chicago, 1909—.
- SHOOP, W. MARRS, 733 Foster St., Evanston.
Literature; Student, Northwestern University, 1909—.
- WERCKLE, FRANK W., 220 N. Garfield, Peoria.
Engineering. (See Class of 1908.)

TEACHERS' CERTIFICATE.

- ALLISON, ETTA M., Lerna.
Domestic Science; Assistant in School of Domestic Science, Chautauqua, N. Y., Summer, 1909.
- ANGIER, CARROLL A., 416 St. Louis Ave., Fort Worth, Tex.
Manual Training; Supervisor of Manual Training, Fort Worth, Texas, 1909—.
- BALCKE, OLIVE A., 418 Washington St., Quincy.
Domestic Science; Teacher of Domestic Science, Public Schools, Quincy, Ill., 1909—; Assistant at School of Domestic Science, Chautauqua, N. Y., Summer, 1909.
- BAUGHMAN, BERTHA, 402 S. 12th St., Quincy.
Domestic Science; Teacher of Domestic Science, Quincy, Ill., 1909—.
- BILGER, RICHARD G., Cincinnati, Ohio.
Manual Training; Teacher of Manual Training, City Schools, Cincinnati, Ohio, 1909—.
- BOWER, HARRY G., 580 W. Warren Ave., Detroit, Mich.
Manual Training; Teacher of Manual Training, City Schools, Detroit, Mich., 1909—.
- CASE, BERTHA, 510 Ravine Ave., Peoria.
Domestic Science; Teacher of Cooking, Manual Training High School, and Supervisor of Cooking, Peoria Schools, 1909—.
- COEN, ELEANOR, 1004 Broadway, Normal.
Manual Training; Graduate Student, Normal University, 1909-10.
- CRAIG, ROBERT C., Urbana.
Manual Training; Teacher of Manual Training, Oak Park, Ill., 1906-8; at Urbana, 1909—.
- EVERLEY, HAROLD W., Lincoln.
Manual Training; Teacher of Manual Training, Odd Fellows' Orphan Home, Lincoln, Ill., 1909—.
- FOTH, GEORGE F., 879 Summit Ave., Jersey City, N. J.
Manual Training; Teacher of Manual Training, Jersey City Schools, 1907—.
- Married (April, 1907,) to Theodora K. Schmidt.

- FULFORD, ANNETTE E., 513 Russell St., Peoria.
Domestic Science; Teacher of Domestic Science, High School, Pekin,
1909—.
- HIDALGO, AUGUSTO, Box 78, Manila, Philippines.
Manual Training; Student, Teachers College, New York, 1909-10; to re-
ceive Degree of B. S., June 1910, from Columbia University and Diploma
from Teachers College.
- GEORGE F. HUTTER, 1923 Columbus Ave., Minneapolis, Minn.
Manual Training; Teacher of Manual Training, Minneapolis Schools,
1909—. Married (May, 1909,) to May A. Pugh.
1909—.
- KURTZ, EDWARD, The Esmond, Sandusky, Ohio.
Manual Training; Teacher of Manual Training, Sandusky, Ohio, 1909—.
- McLEMORE, WILLIAM D., 15 Quince St., Nantucket, Mass.
Manual Training; Principal of Coffin School, and Supervisor of Drawing,
Nantucket, 1909—. Married (September, 1909,) to Elizabeth Baxter.
- MILLEN, RALPH G., 317 N. Seventh St., Quincy.
Manual Training, Teacher of Manual Training in Public Schools, Quincy,
Ill., 1909—.
- MILLER, CORA B., 1320 Second Ave., Fargo, N. D.
Domestic Science; Teacher of Domestic Science, Fargo Public Schools,
1909—.
- RITTER, FLORENCE E., So. Manchester, Conn.
Domestic Science, June, 1909; Teachers' Diploma, Teachers College;
Assistant in School of Domestic Science, Chautauqua, N. Y., Summer, 1909;
Teacher of Domestic Science, South Manchester, Conn., 1909—.
- ROSS, EDWIN A., 1009 Nevada St., El Paso, Tex.
Manual Training; Superintendent of Manual Training, El Paso, Texas,
1909—.
- SAYRE, VERNON E., 33 N. Lake Ave., Pasadena, Cal.
Manual Training; A. B., Emporia College, Emporia, Kan., 1905; Teacher
of Manual Training, Pasadena, Cal., 1908—.
- SHIELDS, STELLA, 1254 Fifth St., Monica, Cal.
Manual Training; Teacher of Manual Training and Domestic Science,
Santa Monica, Cal., 1909—.
- SMITH, ROBERT J., Ruston, La.
Manual Training; Teacher of Manual Training, Louisiana Industrial In-
stitute, Ruston, La., 1901—.
- TOMPKINS, E. RAY, Grand Forks, N. D.
Manual Training; Director of Manual Training, Grand Forks, N. D.,
1909—; Teacher of Manual Training, Normal University, Normal, Ill., Sum-
mer, 1909, 1910.
- WATERS, MARGARET, Battle Creek, Mich.
Domestic Science; Assistant Dietitian, Battle Creek Sanitarium, Battle
Creek, Mich.
- WESTLAKE, ELLA C., El Paso, Tex.
Manual Training; Teacher of Manual Training, El Paso Public Schools,
1909—.
- WING, BRISTOL E., 1734 11th St., Des Moines, Ia.
Manual Training; Teacher of Manual Training, North High School, Des
Moines, Ia., 1909—.

LIST OF STUDENTS

GRADUATE

Ebaugh, Glenn M.....	Peoria	Kraeger, Bertha E.....	Pekin
Greves, George L.....	Peoria	Schnebly, Merrill I.....	Peoria

COLLEGE

Aicher, Frank J.....	Washburn	Hagen, Harold L.....	Tioga
Alpaugh, Frank C....	Eckford, Mich.	Haig, Lealdas.....	Le Roy
Atwood, Charles A.....	Peoria	Hartz, Warren V.....	Reading, Pa.
Ballenger, Harold A.....	Tremont	Hauk, Arsina G....	South Bartonville
Barkdoll, Frank S.....	Naperville	Haynes, Nina R.....	Chicago
Becker, Meta.....	Peoria	Hepworth, Cora C.	Burlingame, Kan.
Belsley, Olga C.....	Peoria	Hepworth, Marion M.....	
Bibo, Mary.....	Peoria	.....	Burlingame, Kan.
Blankenship, Cordelia B.	Paragon, Ind.	Heuse, Clara L.....	Madison, Ind
Botto, Susanne J.....	Peoria	Heyle, Allen W.....	Peoria
Bowen, Rochester W.....	Logan, O.	Heyle, Bernice.....	Peoria
Breitstadt, Hulda C.....	Quincy	Howard, Geisert A.....	Peoria
Brenneman, Ruth V....	Goshen, Ind.	Howell, Albert E....	Ida Grove, Ia.
Bumgarner, Earl R....	Bloomington	Ippensen, Olga A.....	Peoria
Bunn, Loring T.....	Peoria	Jacobson, Nellie P..	Mankato, Minn.
Calhoun, Harold V.....	Wenona	Johnston, Thos. W.....	Normal
Cantienny, Josephine J.....		Kaempfen, Ruth H.....	Quincy
.....	Minneapolis, Minn.	Kamman, Elva.....	Peoria
Carson, Roy P.....	Peoria	Kapmeyer, Anna D.....	Pekin
Cation, Laura.....	Peoria	Keas, Clela M.....	Peoria
Champion, May B.....	Pekin	Keithley, Amy.....	Peoria
Coleman, Bessie M.....	Hennepin	Keithley, Olive M.....	Peoria
Comp, Ray O.....	Dorset, O.	Kellar, G. Gordon.....	Peoria
Cooper, Ruth L.....	Peoria	Kenyon, Fred N.....	Peoria
Cowden, Margaret L....	Monmouth	Kessler, Henry G.....	Elmwood
Croman, Helen J.Mt.	Clemens, Mich.	King, Elizabeth G.....	Peoria
Cruikshank, Lewis W...	Reading, Pa.	King, Myra H.....	Peoria
Cushing, William S.....		Kirkland, Helen I.....	Cambridge
.....	Michigan City, Ind.	Klotz, Harry J.....	Peoria
Dailey, Paul.....	Peoria	Kuhl, John H.....	Peoria
De Lent, Louise I.....	Peoria	Laird, Grace E.....	Maysville
Dewey, William H.....	Peoria	Laird, Willa M.....	Maysville
Donathen, Erma.....	Peoria	Lee, Grace E.....	Peoria
Dougherty, Edwin L....	Liberty, Ind.	Leighton, Ethel C.....	Peoria
Dougherty Mary C..	Mankato, Minn.	Leininger, Myrtle M...	Elkhart, Ind.
Drury, Florence O.....	Peoria	Lewis, Emerson O.....	Le Roy
Durley, Howard.....	Hennepin	Lord, Leslie S.....	Peoria
Dusten, Eleanor I.....	Princeville	Love, Jean H.....	Peoria
Faber, Mabel E.....	Peoria	Malling, Hattie J.....	Peoria
Fathman, Irene.....	St. Louis, Mo.	Mason, Helen E.....	Peoria
Fauble, Luella K.....	La Moille	Mason, Lester R.....	Peoria
Flood, Wilbur E.....	Peoria	Maurer, Fred H.....	Peoria
Fossmeyer, Esther...	Vincennes, Ind.	McCullough, Harold D.....	Peoria
Franzen, Theodore J.....	Peoria	McDonald, Harry T.....	Peoria
Fultz, Edna.....	Harristown, Ind	McKeighan, Pauline.....	Toulon
Giessler, William C.....	Peoria	McNay, Maude H.....	Peoria
Gooding, Frank E.....	Peoria	McNeill, Leola G.....	Prophetstown
Goss, Frances H.....	Peoria		

McNeill, Winifred.....	Erie	Schenck, Roger.....	Peoria
Meier, Anna.....	Edwardsport, Ind.	Scherling, Frieda H....	Elkhart, Ind.
Mercer, Frank G.....	Peoria	Schneider, Geneva M....	Iowa City, Ia.
Mercer, Jessie E.....	Peoria	Schwartz, Florence L....	Peoria
Miller, Zilpah.....	La Junta, Col.	Schwartz, Helen L....	Vincennes, Ind.
Minton, John P.....	Peoria	Sengenberger, Ina C....	Peoria
Mitchell, Ollie J.....	Bowling Green, Mo.	Shade, Harriet E.....	Decatur
Moschel, Irma M.....	Washington	Shade, Dorothy J.....	Decatur
Myers, Medora.....	Peoria	Sherwood, Ruth R.....	Peoria
Nichols, Herbert S.....	Tremont	Smith, Edna J....	Cape Girardeau, Mo.
Niece, Harry C.....	Elmwood	Smith, Frank D.....	Peoria
Nixon, Helen M.....	Peoria	Snyder, Wallace.....	Peoria
Ogden, Ethel G.....	Paris	Speck, Freda.....	Peoria
Parker, Bennett R.....	Peoria	Stonier, Fannie F.....	Toulon
Pfeiffer, Benj. S.....	Peoria	Strehlow, Paul V.....	Peoria
Porter, Mary E....	Madisonville, Ohio	Strehlow, Sanchen G....	Peoria
Potter, Ruth E.....	Prophetstown	Strubhar, Ralph C.....	Peoria
Price, Charles B.....	Reading, Pa.	Summers, Ethel M.....	Elmwood
Ramsey, Irma D.....	Washburn	Thomas, Verra M.....	Peoria
Reed, Iva V.....	Peoria	Thomasson, Pauline E....	Quincy
Reed, Salome J.....	Peoria	Tjaden, Charlotte.....	Peoria
Reichelderfer, Evan W.	Circleville, O.	Traeger, Carl A.....	San Jose
Rhyan, Ivah M....	Terre Haute, Ind.	Triebel, Martha D.....	Peoria
Richardson, Ray L.....	Quincy	Wagner, Harold W.....	Peoria
Richmond, Marguerite....	Peoria	Waterman, Edward J....	Cleveland, O.
Righter, William H.....	Peoria	Watson, Ben B.....	Peoria
Russell, Margaret L.....	Decatur	Wead, Grace E.....	Peoria
Rutherford, Edith.....	Peoria	Welles, Paul T.....	Elmwood
Sanford, Floyd E.....	Peoria	Worthen, Eunice H.....	Warsaw
Sawyer, Jessie A.....	Peoria	Yeck, Emma T.....	Beardstown

HIGHER ACADEMY

Allen, Ruth.....	Peoria	Davis, Gerald H.....	Peoria
Anderson, Edward G....	Mitchell, S. D.	Donley, Marie D.....	Peoria
Archer, Jessie C.....	Peoria	Droll, Robert L.....	Mossville
Badgley, Donald L.....	Peoria	Drury, Bernice.....	Peoria
Barnes, Fred L.....	Peoria	Duffield, Charles A.....	Glasford
Barnett, Robert V.....	Peoria	Edwards, Delwin O....	Princeville
Bavington, Elizabeth....	Edelstein	Ellis, John O.....	Peoria
Becker, Alice R.....	Peoria	England, Albert O.....	Girard
Berger, Hazel M.....	Peoria	Evans, Walter R.....	Peoria
Biedenfeld, Eduard von...	Granville	Faber, Katherine.....	Peoria
Block, Harriet F.....	Peoria	Foreman, Lucile.....	Peoria
Botts, Hazel M.....	Peoria	Franks, Danforth W....	Peoria
Buchanan, Florence E....	Peoria	Gilliland, Robert E....	Peoria
Buckley, Mary F.....	Peoria	Gipps, Della T.....	Peoria
Burgess, Helena.....	Peoria	Glasgow, Mildred A....	Peoria
Campbell, Howard A.....	Peoria	Gordon, Myrtle O.....	Peoria
Cashman, Edward E.....	Peoria	Goss, John Mayo.....	Peoria
Chambers, Lalitte G....	St. Louis, Mo.	Graner, Richard F.....	Peoria
Clark, Cyril B. Jr.....	Peoria	Green, James B.....	Edelstein
Cockle, Elizabeth.....	Peoria	Greves, Ross B.....	Peoria
Cornell, George F.....	Green Valley	Grier, Samuel C.....	Peoria
Cornelison, Agnes F....	Peoria	Gunneth, Arthur M....	Springfield
Cornelison, Robert G....	Peoria	Hakes, Laura L.....	Peoria
Davies, George.....	Peoria	Haller, Marcia.....	Peoria

Hancock, Hazel L.....	Peoria	Plowe, Marjorie.....	Peoria
Harman, Harris J.....	Peoria	Potter, Edith L.....	Peoria
Hawkins, Webster F.....	Peoria	Remmele, Walter J. F.....	Elmwood
Heintzman, Rudy.....	Metamora	Ringness, Zella M.....	Peoria
Herschel, Arthur.....	Peoria	Roszell, Herbert L.....	Peoria
Herschel, Paul E.....	Peoria	Sarsfield, Hazel L.....	Bartonville
Heyl, Harry C.....	Manito	Saylor, James R.....	Glasford
Hine, Allen T.....	Peoria	Schimpff, Herman C.....	Peoria
Holderman, John A.....	Paxton	Schwentser, Marcella F.....	Peoria
Holmes, Charles W.....	Mossville	Schwiering, Esther F.....	Peoria
Holmes, John S.....	Mossville	Scranton, Charles J.....	Peoria
Hunter, Mary E.....	Peoria	Secretan, Charlotte R.....	Peoria
Jacquin, Homer S.....	Peoria	Seth, Shun-Tock.....	Chicago
Joseph, Earl.....	Peoria	Sewrey, Ursen R.....	Grand Rapids, Mich.
Kamman, Meta M.....	Peoria	Shemel, Veffie P.....	Tremont
Keithley, Lily L.....	Peoria	Smith, Hazel H.....	Peoria
Litchfield, Rollin J.....	Toluca	Snyder, Howell.....	Peoria
Lucas, Eda I.....	Peoria	Spence, Frederick M.....	Elmwood
Maple, Lucile E.....	Peoria	Sprague, Mary A.....	Peoria
Maple, Nellie R.....	Glasford	Spurck, Clara A.....	Peoria
Maple, Ray C.....	Glasford	Stephens, Bertha M.....	Peoria
Marsh, May G.....	Peoria	Stowell, Margaret D.....	Edelstein
Martin, Edward J.....	Peoria	Stowell, Ruth.....	Peoria
McDonald, Mabel C.....	Trivoli	Strauch, Harry H.....	Thomson
Meidroth, Leslie E.....	Peoria	Trowbridge, Blanche L.....	Green Valley
Mulford, Charles R.....	Peoria	Voorhees, Daniel W.....	Peoria
Nicol, Jean.....	Peoria	Voorhees, Fern.....	Peoria
Ogle, Guy M.....	Normal	Walker, Frances F.....	Peoria
Park, Arthur W.....	Peoria	Wansbrough, John E.....	Peoria
Parker, Theodora C.....	Peoria	Warner, Earl E.....	Manito
Parker, Mildred J.....	Peoria	Wayne, Carl D.....	Reynolds
Paul, Helen L.....	Peoria	Wolfner, Josephine.....	Peoria
Plack, Theodore.....	Peoria	Wright, Helen F.....	Peoria

LOWER ACADEMY

Adams, Howard J.....	Peoria	Boniface, Lionel.....	Peoria
Addison, Enid M.....	Peoria	Bontz, Mamie M.....	Peoria
Alfs, George C.....	Peoria	Bontz, Mildred C.....	Peoria
Allen, George E.....	Peoria	Brown, Asa M.....	Peoria
Allen, Marguerite M.....	Peoria	Buchner, Oren G.....	Middletown
Apple, Mary S.....	Peoria	Bunn, James H.....	Peoria
Ash, Vera C.....	Peoria	Campan, Walter G.....	Peoria
Badgley, Laurie C.....	Peoria	Carter, Herbert C.....	Peoria
Baer, John V.....	Peoria	Cartwright, Benj. F.....	Peoria
Barnes, Donald J.....	Peoria	Cation, Howard D.....	Peoria
Bartels, Arthur F.....	Peoria	Champion, John A.....	Pekin
Bartlett, Margaret.....	Peoria	Clark, Margaret.....	Peoria
Barton, Winifred.....	Bartonville	Clark, Thomas R.....	Peoria
Belsley, Mabel B.....	Peoria	Collins, Campbell S.....	Peoria
Bennett, Howard G.....	Peoria	Covey, Edwin L.....	Peoria
Benton, Emily R.....	Peoria	Craig, Helen M.....	Peoria
Berg, Frank F.....	Peoria	Day, Herbert.....	Peoria
Berg, Moritz E.....	Peoria	De Witt, Bess L.....	Peoria
Best, Ella G.....	Washington	Ditewig, George B.....	Peoria
Birge, Walter C.....	Peoria	Doubet, Edith H.....	Hanna City
Blackmon, Marjorie W.....	Peoria	Douglass, Naomi M.....	Peoria

Drake, Louise M.....	Peoria	Marcus, Raymond J.....	Peoria
Drury, Ethel M.....	Peoria	Martin, Effie L.....	Peoria
Early, Carl A.....	Peoria	May, Lawrence E.....	Peoria
Eaton, Roy Z.....	Bartonville	McClallen, Velma E.....	Peoria
Ebaugh, Imogene A.....	Peoria	McClintick, William H.....	Peoria
Ellis, William E.....	Peoria	McClugage, Elsie M.....	Hanna City
Elston, George W.....	Peoria	McCullough, Roscoe W.....	Eden
Fallon, Bessie I.....	Peoria	Melius, Ernest R.....	Peoria
Farra, Ruth S.....	Peoria	Mercer, Ruth J.....	Peoria
Fishburn, Heald R.....	Peoria	Merkle, Lucas G.....	Peoria
Fisher, Anna M.....	Peoria	Meyer, Anastasia C.....	Peoria
Fox, Ray S.....	Peoria	Miskimen, Ruth.....	Peoria
Friess, Mildred M.....	Glasford	Mitchell, Jessie M.....	Peoria
Fritsche, Selma P.....	Peoria	Moore, Blanche I.....	Peoria
Fritts, Minnette.....	Peoria	Moore, Mark F.....	Larchland
Garber, Nellie.....	Peoria	Mulford, Louise.....	Peoria
Goodfellow, Marion.....	Peoria	Nash, Margaret F.....	Peoria
Gordon, Clarence A.....	Peoria	Neal, Roscoe R.....	Chillicothe
Gordon, Ruth A.....	Alta	Nelson, William O.....	Peoria
Grossman, Bertha.....	Peoria	Nicol, Isabelle K.....	Peoria
Hadfield, Helen H.....	Peoria	Oeschle, Sarah U.....	Peoria
Hall, John W.....	Peoria	Off, Clarence.....	Peoria
Hanna, Howard H.....	Peoria	Oliver, Bernice.....	Peoria
Hart, Clair B.....	Peoria	Paul, Herbert B.....	Peoria
Hauk, Zarah W... South	Bartonville	Peterson, Helen M.....	Edelstein
Hayward, Morris H.....	Peoria	Pfeiffer, Joseph S.....	Peoria
Heckman, Grace.....	Peoria	Pfeiffer, Rudolph S.....	Peoria
Hemenover, Demon H.....	Canton	Phelps, Richard E.....	Peoria
Herbert, Hugh H.....	Peoria	Pindell, Elizabeth.....	Peoria
Herman, Ray W.....	Bartonville	Pinkerton, Floyd V.....	Mars, Pa.
Herrell, S. Ethel.....	Peoria	Pinkney, William R.....	Peoria
Herron, Mary W.....	Peoria	Plack, Edna M.....	Peoria
Herschel, Emma M.....	Peoria	Plowe, Dorothy.....	Peoria
Heyl, Florence E.....	Washington	Reed, Ruth E.....	Peoria
Hicken, John H.....	Peoria	Reed, Vesta.....	Peoria
Hillis, Berenice K.....	Peoria	Reitz, Marguerite L.....	Peoria
Hiner, Daniel W.....	Peoria	Rindfleisch, Fred.....	Peoria
Holmes, Raymond L.....	Princeville	Ringness, Herman B.....	Peoria
Horton, Eugene E.....	Peoria	Robison, Boisee A.....	Peoria
Huffman, Grace C.....	Trivoli	Robison, Elizabeth.....	Peoria
Isele, Alice W.....	Peoria	Rogers, Ruth.....	Peoria
Jack, Elaine F.....	Peoria	Salzenstein, Arnold R.....	Peoria
Jackson, Maude V.....	Peoria	Schlatter, Elise T.....	Peoria
Johnston, Effie T.....	Peoria	Scholes, Jessie M.....	Peoria
Johnston, Robert F.....	Vienna	Schradski, Lucile M.....	Peoria
Keach, Charles J.....	Peoria	Schroeder, Nelson V.....	Peoria
Kelley, Fleta J.....	Peoria	Scott, Faye.....	Glasford
Kenyon, Keith.....	Peoria	Sedgwick, Donald L.....	Peoria
King, Hazel L.....	Peoria	Sedgwick, James H.....	Peoria
Klepinger, Edith M.....	Peoria	Sehm, Lenora M.....	Peoria
Lauren, Margaret T.....	Peoria	Sherwood, Abijah M.....	Peoria
Leisy, Florence.....	Peoria	Simmons, George E.....	Peoria
Lord, Dorothy E.....	Peoria	Sisson, Marjorie....	Flagstaff, Ariz.
Lord, Esther S.....	Peoria	Sisson, William F....	Falgstaff, Ariz.
Macdonald, Hugh.....	Peoria	Spurck, Ella M.....	Peoria
Mahle, Arthur E.....	Peoria	Spurck, James S.....	Peoria
		Stangel, Victor.....	Peoria

Steele, Anna M.....	Peoria	Vonachen, Frank J.....	Peoria
Stowell, Armina.....	Peoria	Wakefield, Bertha G.....	Peoria
Strehlow, Nettie.....	Peoria	Waldo, Proctor.....	Peoria
Sullivan, Ernest L.....	Peoria	Walker, Lucile.....	Peoria
Sullivan, George M.....	Peoria	Waln, Raymond R.....	Peoria
Tarbell, Robert W.....	Peoria	Ward, Lillian.....	Peoria
Taylor, Logan H.....	Peoria	Wead, Frank W.....	Peoria
Taylor, Mary A.....	Peoria	Wehner, John E.....	Peoria
Tefft, Ivan D.....	Peoria	Widmeyer, Ralph C.....	Peoria
Tefft, Lionel V.....	Peoria	Wilde, Margaret I.....	Peoria
Thompson, Ednah S.....	Peoria	Wilson, Wayne.....	Peoria
Ticknor, James H.....	Peoria	Woelfle, Emilie M.....	Peoria
Turner, Clifton S.....	Peoria	Wood, Olive A.....	Peoria
Turner, George E.....	Peoria	Wright, Mildred.....	Peoria
Van Deusen, Robert E.....	Pekin		

UNCLASSIFIED

Ames, Inez E.....	Charlestown	Payne, Arthur F.....	Peoria
Block, Anna C.....	Peoria	Pitney, O. H.....	Peoria
Bohls, Walter H.....	Peoria	Razor, Homer E.....	Bloomington
Bunch, Irene.....	Peoria	Robinson, John R.....	Peoria
Butter, Renette K.....	Peoria	Robinson, Mary L.....	Peoria
Day, Helen M.....	Peoria	Rosenberger, Norman.....	Cincinnati, O.
Duerkop, Carl F.....	Sutter	Sanger, Beth M.....	Peoria
Ebaugh, Flora L.....	Peoria	Scovel, Mary C.....	Peoria
Engstrom, Hannah.....	Peoria	Sloan, Helen B.....	Peoria
Fried, John.....	Peoria	Swanson, Mrs. Wm.....	Peoria
Friemel, F. J.....	Peoria	Szold, Esther.....	Peoria
Geiger, Mabel.....	Peoria	Tjaden, Hanna H.....	Peoria
Glenn, Cora M.....	Monmouth	Tjaden, Anna.....	Peoria
Hart, C. R.....	Peoria	Tjaden, Hertha.....	Peoria
Hearst, John.....	Peoria	Ulrich, Julia.....	Peoria
Hill, Harry.....	Peoria	Ulrich, Lina S.....	Peoria
Iler, Harry E.....	Peoria	Van Deusen, C. S.....	Peoria
Kambaroff, Nicolas.....	Peoria	Wead, Deforest E.....	Peoria
Maur, Mrs. Dabney.....	Peoria	Westlake, A. T.....	Peoria
Maus, Edward.....	Peoria	Winchip, Mrs. E. E.....	Peoria
Mickel, Adelaide.....	Peoria	White, Emily.....	Peoria
Nesbit, Jeanette M.....	Monmouth	White, Nona L.....	Peoria
Patterson, Laura G.....	Peoria	Wiley, Flora J.....	Peoria

SUMMER SCHOOL

Angier, Carroll W.....	Litchfield, Minn.	Burk, William A.....	
Arlitt, Carl W.....	Austin, Texas	.....	Mount Pleasant, Mich.
Badger, Ozro B.....	Sullivan, Ind.	Burnside, Mary.....	Monmouth
Barclay, Harry F.....	Peoria	Butler, Renette K.....	Peoria
Barnes, Jennie M.....		Calhoun, Carrie.....	Peoria
.....	Grand Rapids, Mich.	Cantienny, Josephine J.....	
Beatty, Helen S.....	Quincy	.....	Minneapolis, Minn.
Beckman, Frank H.....	Flint, Mich.	Carr, Arthur E.....	Durango, Col.
Belzer, Francis O.....	Indianapolis, Ind.	Case, Bertha.....	Peoria
Bolles, William B.....	Cleveland, Ohio	Challoner, John.....	Oshkosh, Wis.
Bower, Harry G.....		Chambers, Lalitte G.....	St. Louis, Mo.
.....	Sault Ste. Marie, Mich.	Christman, Emanuel M.....	Columbus, O.
Brandon, Henry C.....	Daleville, Ind.	Church, Rupert.....	Oshkosh, Wis.
Brent, Susie A.....	Quincy	Clarke, Harley L.....	Cleveland, Ohio
Burling, Wesley M.....		Clarke, William H.....	
.....	Grand Rapids, Mich.	.....	Grand Rapids, Mich.

- Coon, Pearl C. W....Mankato, Minn.
 Cornwell, Albert M....Detroit, Mich.
 Couch, Homer C.....Hanna City
 Craig, Robert C.....Peoria
 Crocker, Levi A....Milwaukee, Wis.
 Crowder, Jennie M....St. Louis, Mo.
 Cruikshank, Lewis W....Reading, Pa.
 Cunningham, James H. Toronto, Can.
 Curran, Fred L....Menomonie, Wis.
 Dair, William G.....Harrison, Ohio
 Danz, Harry.....Peru
 DeBra, Joseph D....Columbus, Ohio
 DeLent, Louise I.....Peoria
 Dillon, Charles H....Duncan, Okla.
 Dixon, Laura B....Bloomington, Ind.
 Donaldson, Edgar B. Carrollton, Ohio
 Donathen, Erma.....Peoria
 Downing, Wilbur D....Hanna City
 Dusten, Eleanor I.....Princeville
 Eaton, Ralph.....South Bartonville
 Everley, Harold E.....Wenona
 Ferguson, Clarence M.....
 Charles City, Ia.
 Frauenfelder, Henry..St. Louis, Mo.
 French, Ralph W....Fort Wayne, Ind.
 Goodland, Samuel H..Oshkosh, Wis.
 Graham, Wilbur M..Indianapolis, Ind.
 Grant, John F.....Whitewater, Wis.
 Greves, George L.....Peoria
 Gunneth, Arthur.....Springfield
 Hadden, Harry M.....Salina, Kan.
 Holbrooks, Arthur C. Evansville, Ind.
 Harrigan, Theodosia. Marysville, Kan.
 Hartz, Warren V.....Reading, Pa.
 Haupt, William H.....Rockford
 Heckmann, Michael W....Kiel, Wis.
 Heine, Raymond H.....Quincy
 Hepworth, Cora C..Burlingame, Kan.
 Hepworth, Marion M.....
 Burlingame, Kan.
 Hickok, Daniel W....Detroit, Mich.
 Hifner, William D.....
 Independence, Mo.
 Hofstetter, Adele....Austin, Texas
 Holder, Fred M. Jr..Cincinnati, O.
 Hutters, August M.....
 Cape Girardeau, Mo.
 Iler, Harry E.....Peoria
 Jacobson, Nellie P..Mankato, Minn.
 Kaempfen, Ruth H.....Quincy
 Kerr, Raymond.....Salina, Kan.
 Kilby, Huber St. C.....Minier
 Koehler, Irving G....Detoit, Mich.
 Koyl, Clarence L.....
 Sault Ste. Marie, Mich.
 Kurtz, Edward.....Olney
 Lander, Clarence H..Cleveland, Ohio
 LaRowe, Eugene....Hancock, Mich.
 LeMay, Ray B.....Homer, Minn.
 Lockwood, Wesley R. Mason City, Ia.
 Lord, Georgina H.....Peoria
 Marshall, Birdie A.....Peoria
 Martin, Effie L.....Peoria
 Mays, Arthur B.....Dallas, Texas
 Meek, Tecumseh H.....Peoria
 Miller, Chester B.....Champaign
 Moore, Rolla W....Indianapolis, Ind.
 Morgan, George G.....
 Santa Monica, Cal.
 Nadler, Herbert B.....Peru
 Nelson, Alma C....Stillwater, Minn.
 Painter, William E....Newark, Ohio
 Pappmeier, Frederick.....Litchfield
 Patterson, Laura G.....Peoria
 Peterson, Minnie M.....Peoria
 Phillips, Henry L....St. Louis, Mo.
 Potter, Ruth.....Prophetstown
 Prunty, Nellie R.....Peoria
 Rosque, George M..Pipestone, Minn.
 Ritter, Jacob J....La Fayette, Ind.
 Robinson, Mary L.....Peoria
 Rourke, Agnes.....Lincoln
 Sager, Charles A....Hamilton, Ohio
 Schick, John M....Cincinnati, Ohio
 Schoettler, Arthur E....Galesburg
 Sewrey, U. Roy..Grand Rapids, Mich.
 Sherman, Carroll J....Irvington, Ind.
 Shields, Stella.....Monon, Ind.
 Siepert, Albert F.....
 Chippewa Falls, Wis.
 Snodgrass, Florence.....
 Indianapolis, Ind.
 Snyder, Ward K....Oshkosh, Wis.
 Speck, Frieda.....Peoria
 Solar, Frank I. South Kaukauna, Wis.
 Stanfield, Lucian R....Chanute, Kan.
 Steelsmith, Clarence A....Rippey, Ia.
 Stonier, Fern.....Toulon
 Strehlow, Sanchen G.....Peoria
 Stryker, Samuel L.....Peoria
 Tobias, Agnes M.....Peoria
 Todd, George A.....Muncie, Ind.
 Trautmann, Anna M.....Peoria
 Truman, Edna.....Urbana
 Turman, Thomas....Graysville, Ind.
 Valby, Nils A.....Superior, Wis.
 Van Plew, John H....Beloit, Wis.
 Vestal, Harry.....Warsaw
 Waldo, Proctor C.....Peoria
 Wallace, Dorothy.....Lincoln
 Warner, Carl E.....Butte, Mont.
 Webster, Nellie G.....Woodland
 White, Onalese....Cedar Rapids, Ia.
 Williams, Simon H. Glens Falls, N. Y.
 Wright, Mary A.....Springfield
 Wyatt, Edwin M....Houston, Tex.
 Yale, Edith E.....Peoria
 Yeck, Emma T.....Beardstown

SUMMARY OF STUDENTS

	YOUNG MEN	YOUNG WOMEN	TOTAL
Graduate	3	1	4
College	60	93	153
Higher Academy.....	60	54	114
Lower Academy.....	92	92	184
Unclassified	18	27	45
Summer School.....	91	45	136
	<hr/> 324	<hr/> 312	<hr/> 636
Horological Department (see Horological Catalog)			320
			<hr/> 956
Deduct names counted twice.....			20
			<hr/> 936

RESIDENCE OF STUDENTS

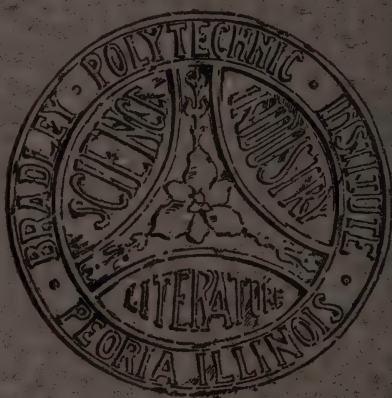
School of Arts and Sciences:		
From Peoria	374	
From Illinois (outside of Peoria).....	129	
From other states.....	113	
	<hr/> 616	616
Horological Department:		
From Peoria	8	
From Illinois (outside of Peoria).....	42	
From other states.....	270	
	<hr/> 320	320
		<hr/> 936

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THE HOROLOGICAL DEPARTMENT.

The Horological Department gives practical instruction in Watchwork, Engraving, Jewelry, and Optics. It is open throughout the year, and Students can enter at any time. A catalogue will be sent free upon request.



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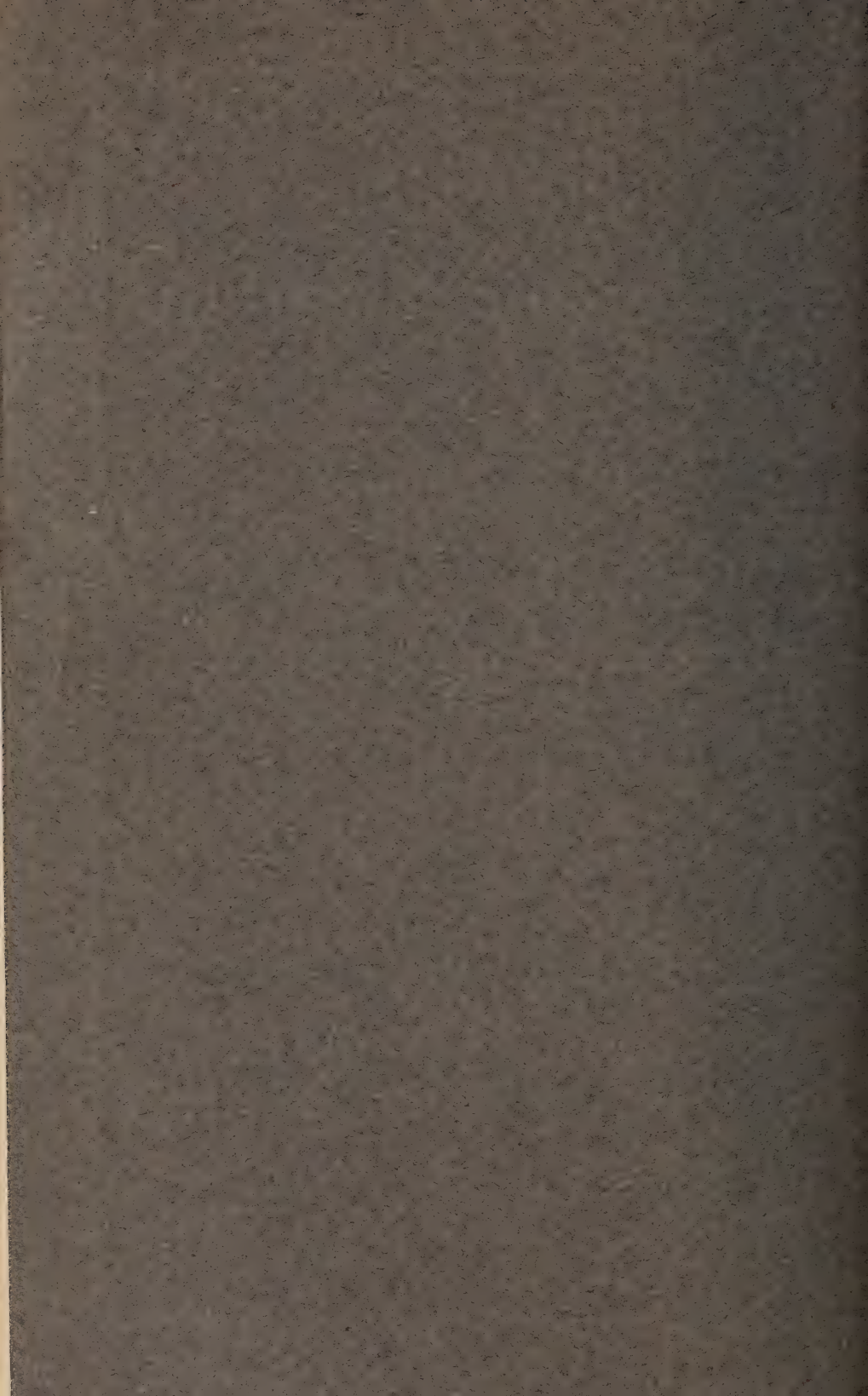
Bradley Polytechnic Institute

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UNIVERSITY OF ILLINOIS

The School of Arts and Sciences
Bradley Hall

Register . . 1910-1911
Announcements for 1911-1912

Peoria, Illinois
May, 1911





HOROLGY HALL

BRADLEY HALL

BRADLEY POLYTECHNIC INSTITUTE

PEORIA, ILLINOIS

FOUNDED IN 1897

Bradley Polytechnic Institute

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

The School of Arts and Sciences

BRADLEY HALL

Register 1910-1911
Announcements for 1911-1912

PEORIA, ILLINOIS
MAY 1911

CALENDAR FOR 1911-1912

September 19.....	Tuesday.....	Autumn Quarter Begins
October 8.....	Sunday.....	Founder's Day
October 20.....	Friday.....	Parents' Meeting
November 10.....	Friday.....	Annual Lecture Course Begins
Nov. 30 and Dec. 1...	Thursday and Friday.....	Thanksgiving Holidays
December 20.....	Wednesday.....	Autumn Quarter Ends

CHRISTMAS VACATION.

January 3.....	Wednesday.....	Winter Quarter Begins
February 8.....	Thursday.....	Day of Prayer for Colleges
February 22.....	Thursday.....	Washington's Birthday
March 8.....	Friday.....	Annual Concert
March 15.....	Friday.....	Winter Quarter Ends

MARCH 16 TO MARCH 24, SPRING VACATION.

March 25.....	Monday.....	Spring Quarter Begins
May 30.....	Thursday.....	Memorial Day
June 7.....	Friday evening.....	Open Night
June 12.....	Wednesday.....	Work of Spring Quarter Ends
June 13.....	Thursday.....	Class Day
June 14.....	Friday.....	Convocation Day
June 15.....	Saturday.....	Alumni Day

HISTORICAL SKETCH

MR. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. To assist in forming their plans they visited together a number of educational institutions, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later Mrs. Bradley took the matter up and formulated her wishes substantially as they are now expressed in the constitution of the Institute. It was her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the desire of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for buildings and equipment; the fund for these purposes was later largely increased. The death of Mrs. Bradley occurred January 16, 1908, just after the close of the first decade in the history of the Institute.

Work was begun April 10, 1897, upon two buildings, Bradley Hall, devoted to general education, and Horology Hall, where instruction is given in Watchwork, Jewelry, Engraving and Optics. These buildings were occupied in October and November respectively. School work was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall, and this date has been observed annually with appropriate exercises. In 1904 a station of the United States Weather Bureau was established in a building erected by the Government at the north end of the campus.

During the year 1908-9 a Gymnasium was erected at a cost of \$75,000. It contains a gymnasium for men and also one for women, each with complete equipment.

This catalog contains the records of the fourteenth year, and the announcements for the fifteenth year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY	Peoria
<i>President</i>	
LESLIE D. PUTERBAUGH	Peoria
<i>Vice-President</i>	
HARRY A. HAMMOND	Wyoming
<i>Secretary</i>	
ZEALY M. HOLMES	Mossville
JOHN M. NIEHAUS	Peoria
SAMUEL D. WEAD	Peoria
CHARLES D. THOMAS	Peoria

ADVISORS

HARRY PRATT JUDSON	Chicago
ALBION W. SMALL	Chicago

COMMITTEES

<i>Finance</i>	MESSRS. BAILEY, PUTERBAUGH, HOLMES, NIEHAUS, WEAD
<i>Buildings and Grounds</i>	MESSRS. HOLMES, NIEHAUS, WEAD
<i>Faculty, Curriculum and Equipment</i>	
.	MESSRS. PUTERBAUGH, NIEHAUS, THOMAS, JUDSON, SMALL

THEODORE C. BURGESS	<i>Director of the Institute</i>
CHARLES R. WHEELER	<i>Treasurer</i>
W. W. HAMMOND	<i>Business Manager</i>

FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1910-1911

OFFICERS OF ADMINISTRATION

THEODORE C. BURGESS	Director of the Institute
CHARLES A. BENNETT	Superintendent of the Summer School
FREDERICK H. EVANS	Superintendent of Evening Classes
CLARENCE E. COMSTOCK	Recorder

DEANS

THEODORE C. BURGESS	College and Higher Academy
HARRIET KEMP	Women
CHARLES TRUMAN WYCKOFF	Lower Academy
ALBERT W. JAMISON	Assistant, College and Higher Academy

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B., Hamilton College, 1883; A. M., *ibid.*, 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek, University of Chicago, Summers, 1900-5; Professor of Greek, *ibid.*, Summers, 1906-9; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharp Manufacturing Co. and Putnam Machine Co., 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers College, New York City, 1891-7; Graduate Student, Harvard University and University of Chicago, one summer each; Editor of *Manual Training Magazine*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B., Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor in English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1891-3; Graduate Student of History and Political Science, University of Chicago, 1894-96; Fellow, *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-1904.

CLARENCE ELMER COMSTOCK, A.M., *Professor of Mathematics.*

A. B., Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-94; A. M., Knox College, 1891; Graduate Student in Mathematics, Johns Hopkins University, 1892-3, 1894-5; University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902; Assistant Professor, *ibid.*, 1902-8.

WALES HARRISON PACKARD, Ph.D., *Assistant Professor of Biology.*

S. B., Olivet College, 1894; Fellow in Zoology, University of Chicago, 1895-8; Ph. D., *ibid.*, 1908; Instructor in Zoology Marine Biological Laboratory, Woods Holl, Mass., Summers 1895-99; Research Work, *ibid.*, Summers 1905-7; Instructor in Physiology, University of Chicago, Summer, 1903; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-1904.

GEORGE CROMWELL ASHMAN, Ph.D., *Assistant Professor of Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, *ibid.*, 1895-6; Teacher Physics and Chemistry, Frankfort, Ind., High School, 1896-1901; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901; Graduate Student, University of Chicago, Summers, 1897-1900; M. S., *ibid.*, 1905; Fellow in Chemistry, *ibid.*, 1907-8; Ph. D., *ibid.*, 1908; Associate in Chemistry, Bradley Institute, 1901-3; Instructor, *ibid.*, 1903-5.

HELEN MARION DAY, B.S., *Assistant Professor of Domestic Science.*

Diploma for teaching Domestic Science, Teachers College, 1903; B. S., Columbia University, 1907; Assistant in Domestic Science, Teachers College, Columbia University, 1903-6; Instructor and Lecturer in Domestic Science, Department of Extension Teaching, Teachers College, 1906-7; Instructor in Domestic Science, Lyndhurst Industrial School, Summers, 1903-1904; Instructor in School of Domestic Science, Chautauqua, N. Y., Summers, 1907-1910; Instructor, Bradley Institute, 1907-9.

CLINTON SHELDON VAN DEUSEN, M.E., *Assistant Professor of Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-98; Associate in Manual Arts, Bradley Institute, 1898-1904; Instructor, *ibid.*, 1904-9.

FREDERICK CHARLES BROWN, *Assistant Professor of Physical Training.*

Student, Hiram College, 1897-1901; Graduate, Chicago Training School 1905; Instructor, Summer School, Lake Geneva, Wis., 1905; Director of Physical Training, Hiram College, 1905-7; Assistant Supervisor of Physical Training, Cleveland, Ohio, 1907-9.

ALBERT WOODWARD JAMISON, M.S., *Assistant Professor of Physics.*

B. S., Princeton University, 1897; M. S., *ibid.*, 1899; Instructor in Chemistry and Mineralogy, *ibid.*, 1897-9; Chemist, Illinois Sugar Refining Co., 1899-1900; Business, 1900-6; Teacher of Chemistry and Biology, High School, Peoria, Ill., 1906-9; Graduate Student, University of Chicago, Summer, 1910.

CATHERINE COMFORT, B.L., *Assistant Professor of English.*

B. L., University of Minnesota, 1890; Teacher of English in High Schools of Minnesota, 1890-92, 1892-96; Graduate Student in English, University of Minnesota, 1892-93, 96-97; Junior English, East High School, Minneapolis, 1897-1902; Head of Department of English, School of Agriculture, Minnesota, 1902-5; Head of Department of English, Mills College, California, 1905-9; Graduate Student in English, University of Chicago, 1909-10.

MARY BATES BLOSSOM, Ph.B., *Instructor in German and French.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Student, University of Chicago, Summers, 1903-4, 1907; Student, Guilde Internationale and Sorbonne, Paris, 1905-6; Student, University of Chicago, 1908-9; Ph. B., *ibid.*, 1909; Graduate Student of German and French, University of Chicago, Summer, 1910; Assistant, Bradley Institute, 1902-5, 1906-7.

HARRIET KEMP, A.B., *Instructor in German and Latin.*

A. B., Baker University, 1901; Assistant in Modern Languages, *ibid.*, 1898-1901; Teacher Clay County High School, 1901-5; Student at Northwestern University, summer, 1905; Teacher High School, Junction City, Kan., 1905-6; Teacher in Willard School for Girls, Berlin, Germany, 1906-8; Student at the University of Berlin, 1906-8; Teacher of German and Latin, Summer School, Boulder, Colo., 1910; Assistant, Bradley Institute, 1908-9.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy.*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, Ohio, Worthington Hydraulic Works, New York, and Pittsburg Locomotive Works, Pittsburg, Pa.; for six years Mechanician, Department of Experimental Engineering, Cornell University; Assistant in Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1902-4.

ADELAIDE MICKEL, *Instructor in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student, Harvard University, Summer, 1902.

BERTHA MAY SCULLIN, A.B., *Instructor in Domestic Economy.*

Graduate, Bradley Institute, 1903; Assistant in Sewing, *ibid.*, 1903-5, 1906-9; A. B., University of Chicago, 1906, Summer 1910.

FREDERICK HUSTON EVANS, M.E., *Instructor in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4; with Link Belt Machinery Co., Chicago, Summer, 1905; M. E., State College of Kentucky, 1906; Draftsman on Union Stock Yards Power Plant for Sargent & Lundy, Chicago, Summer, 1906.

KATHERINE FEDORA WALTERS, A.B., *Instructor in Latin.*

M. Di., Iowa State Normal School, 1904; A. B., University of Michigan, 1906; Teacher High School, Grand Junction, Iowa, 1898-9; Principal High School, Eldora, Iowa, 1899-1900; Teacher, Keokuk, Iowa, 1900-1; Cedar Falls, Iowa, 1901-4; Assistant, Bradley Institute, 1906-9; Graduate Student, University of Chicago, Summer, 1910.

MARTHA SHOPBELL, B.S., *Instructor in Domestic Economy.*

B. S., University of Wisconsin, 1899; Teacher in Wisconsin High Schools, 1899-1902; Student, Pratt Institute, 1902-4; Graduate, Normal Domestic Science Course, *ibid.*, 1904; Teacher, New York City Vacation Schools, 1903-4; Student, Boston Cooking School, Summer, 1907; Assistant, Bradley Institute, 1906-9.

JOSEPH STITT BIKLE, A.M., *Instructor in Mathematics.*

A. B., Columbia University, 1903; A. M., *ibid.*, 1904; Teacher High School, Hagerstown, Md., 1904-5; New Brighton, Pa., 1905-6; Altoona, Pa., 1906-7.

MARY CAMP SCOVEL, *Instructor in Drawing.*

Graduate, Teachers' Class, Cook Co. Normal, 1890; Graduate, Teachers' Classes, Chicago Art Institute, 1893; Graduate, Normal Art Department, Pratt Institute, 1900; Student, Dow Summer School, Ipswich, Mass., 1901; Student, Prang Summer School, Chicago, 1902; Student Teacher, Chicago Art Institute and in Public Schools, 1894-98; Instructor in Design and Pottery, Chicago Art Institute, 1900-1907; Supervisor of Drawing, Oak Park, Ill., 1900-1906; Instructor in Drawing, Normal University, Normal, Ill., Summer, 1907; Instructor in Handwork, Extension Classes, Chicago Normal School, 1907-9.

EDWIN FRANCIS GEORGE, A.B., *Instructor in English.*

A. B., Northwestern College, 1908; Teacher in Public Schools, Findlay, Ohio, 1901-4; Graduate Student, University of Chicago, Summer, 1910.

JOHN OSCAR LOFBERG, A.B., *Instructor in Latin and Greek.*

A. B., John B. Stetson University, 1905; A. B., University of Chicago, Summer, 1905; Assistant in Latin, John B. Stetson University, 1903-5; Principal of High School, Sleepy Eye, Minn., 1905-7; Graduate Student in Greek and Latin, University of Chicago, 1907-8; Summers, 1906, 1908-10.

ARTHUR FRANK PAYNE, *Instructor in Manual Arts.*

Apprentice and Silversmith, Simpson, Hall, Miller Co., Wallingford, Ct., 1892-1900; Silversmith and Sample-Maker, R. Wallace Mfg. Co., Wallingford, Ct., 1900-1906; Special Student in Design, Kettelle School of Art, Boston, Mass., 1906-7; Teacher of Handicraft, Wallingford, Ct., 1907-8; Director, Arts-Crafts School, Columbus, Ohio, 1908-9; Student in Mechanic Arts, Ohio State University, 1909; Student in Manual Training, Ohio State University, Summer, 1909.

ALICE EVANS BLAIR, *Assistant in Sewing.*

Student, Teachers College, Columbia University, 1907-9; Diploma in Domestic Art, *ibid.*, 1909.

VIVIAN BONIFACE, *Assistant in English.*

Student Assistant in English, Bradley Institute, 1908-9; Graduate, *ibid.*, 1909.

ELIZABETH HELEN BURNSIDE,* B.L.S., *Librarian.*

B. L. S., University of Illinois Library School, 1907; Penn College, 1901-2, 1903-5; Library experience in Oskaloosa Public Library, Summer, 1906, Galesburg Public Library, Spring, 1907; Library Organizer of Oskaloosa High School Library, Spring, 1908; Reorganized Leon Public Library under Iowa State Library Commission, Summer, 1908; Organized Bradley Polytechnic Institute Library, Summer and Winter, 1908-9; Organized Oregon Public Library, Spring, 1909; Cataloger at Morningside College Library, Spring and Summer, 1909.

FOREST ALMOS FORAKER, M.S., *Assistant in Mathematics.*

B. S., Ohio Northern University, 1903; M. S., *ibid.*, 1905; Instructor in Mathematics, Fairmount Academy, 1903-8; Graduate Student in Mathematics, University of Chicago, Summer, 1907.

MABEL A. GRIDLEY, *Assistant in Chemistry.*

B. S. in Chemistry, University of Illinois, 1909; Instructor in High School, Emporia, Kan., 1909-10.

IRA MYRON HAWLEY, A.B., *Assistant in Biology and Physics.*

University of Michigan, 1909; Instructor in Science, Oak Grove Seminary, Vassalboro, Me., 1909-10; Student, Cornell University, summer, 1910.

ETHEL HELEN LYONS, A.B., *Assistant in Modern Language.*

A. B., Radcliffe College, 1907; Student at University of Berlin, 1907-8; Teacher of German, Mount Ida School, Newton, Mass., 1908-9.

*On leave of absence last half of year.

MAUD SUZANNE ROBINSON, *Assistant in Physical Training.*

Student at Boston Normal School of Gymnastics, 1907-9; Diploma *ibid.*, 1909; Instructor in Minneapolis Park Playgrounds, Summer, 1910.

MYRA O'BRIEN,* A.B., *Librarian.*

A. B., Knox College, 1899; B. L. S., University of Illinois, 1907; Cataloger, Stanford University, 1907-8; Assistant Order Clerk in charge of Serials, University of Illinois, 1909-10; Librarian, Galena Public Library, 1910-11.

MARK H. WHITMEYER,** *Assistant in Architectural Drawing.*

B. S., University of Illinois, 1899; licensed Architect, State of Illinois; practiced at Danville, Ill., 1899-1906; Vredenburg & Whitmeyer, Champaign, 1906-7; Shank & Whitmeyer, Peoria, Ill., 1907-10; in charge of construction work for Hewitt & Emerson, Peoria, 1910—.

MERTON LEONARD FULLER, M.Di., A.M., *Lecturer in Meteorology.*

M. Di., Iowa State Teachers College, 1898; Principal, Normal Department, Buena Vista College, Storm Lake, Iowa, 1898-1902; Assistant Observer U. S. Weather Bureau, 1902-1906, serving at Salt Lake City, Utah, Springfield, Ill., Charles City, Iowa, and Huron, S. D.; in charge, U. S. Weather Bureau Office, Canton, N. Y., 1906-9, Peoria, Ill., 1909—; Lecturer on Meteorology and Climatology, St. Lawrence University, Canton, N. Y., 1906; M. A., St. Lawrence University, 1907; Professor of Meteorology and Climatology, St. Lawrence University, 1906-1909.

*Last half of year.

**Winter Quarter.

STUDENT ASSISTANTS

CHEMISTRY

HARRY H. STRAUCH

ENGLISH

MARY E. BYRNE

IRENE FATHMAN

ELIZABETH G. KING

HELEN L. PAUL

MANUAL ARTS.

FRANK S. BARKDOLL

EDWARD G. ANDERSON

HARRY W. KIRN

WARREN V. HARTZ

FRANCIS M. ROGERS

PHYSICAL TRAINING

LESLIE S. LORD

JAMES R. SAYLOR

ROGER SCHENCK

PHYSICS

THEODORE PLACK

JAMES R. SAYLOR

MUSIC

MARGARET D. PLOWE (Organ)

ADELINA M. DE LENT (Piano)

OTHER OFFICERS

J. L. CADWALLADER, *Cashier.*

GRACE E. O'CONNOR, *Stenographer.*

S. D. LYMAN, *Superintendent of Buildings and Grounds.*

HOMER M. BOTTS, *Engineer.*



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

ADMISSION

Entrance.—Graduates of the eighth grade of the Peoria public schools, of the graded schools of Peoria County, and such other grammar schools as the Institute may approve, will be admitted to the first year of the Lower Academy without examination upon presentation of a certificate of graduation.

Admission to Advanced Standing.—Students who have done work in high schools, academies or colleges will be admitted on presentation of a certificate showing amount and grade of work completed. A blank form for this statement will be furnished upon application to the Director. Upon the basis of this statement, the student will be assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, the credits from his former school will be accepted in so far as they cover the work of the Institute.

Admission of Unclassified Students.—Students of mature age who for sufficient reasons do not wish to pursue a regular course, may be admitted without examination or certificate. They are known as unclassified students.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.

CURRICULUM

THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Trade or Technical Work. (2) Advanced Study in a College, University, or School of Engineering. (3) Professional Study in Law or Medicine. (4) Teaching Manual Training or Domestic Science, or Drawing and Manual Training.

Divisions: The six years of study are divided into three two-year periods, as follows:

1.—LOWER ACADEMY, *corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is nearly the same in all groups.

2.—HIGHER ACADEMY, *corresponding to the last two years of a High School Course.* When the student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—COLLEGE, *corresponding (according to the group) to the Freshman and Sophomore years in a College, University or Engineering School.* In the college the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading colleges and universities, such as Vassar, Wellesley, Smith, Mt. Holyoke, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mt. Holyoke, Cornell, Wisconsin, Michigan, Chicago and other institutions of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group, where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. SCIENCE GROUP, which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. ENGINEERING GROUP, which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. CLASSICS GROUP, which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. LITERATURE GROUP, which is especially strong in Modern Languages and Latin. It prepares students for the third year of college courses leading to the degree of Ph. B. or B. L.

5. MECHANIC ARTS GROUP, which is designed to meet the demand for training that fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. When desired, this line of work may be continued under direction of the Faculty two years longer, thus making it a six-year group. Students showing especial proficiency in Drafting may receive an additional certificate as evidence of that fact.

TEACHERS' COURSES IN MANUAL TRAINING AND DOMESTIC ECONOMY

I. A COURSE PREPARATORY TO TEACHING MANUAL TRAINING.

Requirements for admission:

Four years of Approved Academic Work.

This Academic work should include English, Mathematics, Foreign Language, Science and History, and, if possible, the elements of Freehand and Mechanical Drawing and Woodworking.

A diploma will be given those who present these requirements and also complete the following:

1. Freehand Drawing 12 (*Two Majors*).*
2. Mechanical Drawing 14 (*One Major*).
3. Framing and Woodturning 5, or Woodworking 1 (*One Major*).
4. Pattern-Making 6 (*One Major*).
5. Cabinet Making 7 (*One Major*).
6. Metalworking 38 (*Three Majors*).
7. English 6 and 8 (*Two Majors*).
8. History 6 or 8 (*One Major*).
9. History of Manual Training 35 (*One Major*).
10. Teaching Manual Training 36 (*One Major*).
11. Organization of Manual Training 34 (*One Major*).
12. Design 20 (*Two Majors*).
13. Elementary Handwork 33 (*One Major*).
14. Woodworking 31 (*Three Majors*).
15. Drawing 32 (*Three Majors*).

Students who have taken courses equivalent to any of the above before entering the Institute, will be given due credit.

This group is especially well suited to those who have already proven their ability to teach other subjects and are now desirous of fitting themselves to teach Manual Training. To those already engaged in teaching this subject it offers new points of view and advanced study. Many students will find it advantageous to spend three years in this course instead of two. This will enable them to broaden their preparation for teaching by adding several elective courses not named above. Courses taken in the Summer School (see summer circular) may be counted toward a diploma.

PROGRAM OF STUDIES

MANUAL TRAINING	FIRST YEAR		
	FALL	WINTER	SPRING
	Woodworking 1 or Framing 5 Metalworking 38 Mechanical Drawing 14 English 6	Pattern-Making 6 Metalworking 38 Freehand Drawing 12 History 6	Cabinet Making 7 Metalworking 38 Freehand Drawing 12 English 8
	SECOND YEAR		
	FALL	WINTER	SPRING
	History of Manual Training 35 Design 20 Woodworking 31 Drawing 32	Teaching Manual Training 36 Design 20 Woodworking 31 Drawing 32	Organization of Manual Training 34 Elementary Handwork 33 Woodworking 31 Drawing 32

*A major means twelve weeks' work with five recitations a week. The numbers after courses refer to the department statements.

II. A COURSE PREPARATORY TO TEACHING ART, DOMESTIC ART AND MANUAL TRAINING IN ELEMENTARY SCHOOLS.

Requirements for admission:

Four years of Approved Academic Work.

This Academic work should include English, Mathematics, Foreign Language, Science and History, and, if possible, the elements of Freehand and Mechanical Drawing.

A diploma will be given those who present these requirements and also complete the following:

1. Freehand Drawing 12 (*Two Majors*).
2. Mechanical Drawing 14 (*One Major*).
3. Woodworking 1 (*Two Majors*).
4. Sewing 7 (*Two Majors*).
5. English 6 and 8 (*Two Majors*).
6. History 6 or 8 (*One Major*).
7. Dressmaking 8 (*One Major*).
8. Textiles 13 (*One Major*).
9. Millinery 17.
10. History of Manual Training 35 (*One Major*).
11. Teaching Manual Training 36 (*One Major*).
12. Organization of Manual Training 34 (*One Major*).
13. Design 20 (*Two Majors*).
14. Elementary Handwork 33 (*One Major*).
15. Elementary Art 37 (*Three Majors*).
16. Drawing 32 (*Three Majors*).

This course is especially suited to young women who have already been successful in teaching other subjects and are now desirous of fitting themselves to teach or supervise the art and elementary handwork, including the sewing, of the elementary schools.

PROGRAM OF STUDIES

MANUAL TRAINING	FIRST YEAR		
	FALL	WINTER	SPRING
	Drawing 14 Sewing 7 Woodworking 1 English 6	Drawing 12 Sewing 7 Woodworking 1 Textiles 13 History 6	Drawing 12 Dressmaking 8 Millinery 17 English 8
	SECOND YEAR		
	FALL	WINTER	SPRING
	History of Manual Training 35 Design 20 Elementary Art 37 Drawing 32	Teaching Manual Training 36 Design 20 Elementary Art 37 Drawing 32	Organization of Manual Training 34 Elementary Handwork 33 Elementary Art 37 Drawing 32

III. A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong laboratory courses in each, and if possible Drawing, should be included in the high school course. Any high school subjects which are lacking may be taken at the Institute. This, of course, would mean that a longer time would be needed to complete the work required for a certificate. College graduates who have had some technical training may complete the course in one year.

A diploma is granted to all who present the requirements for admission and complete the following:

1. Plain Sewing 7 (*Two Majors*).
2. Dressmaking 8 (*One Major*).
3. Sewing 16 (*One Major*).
4. Millinery 17 (*One Major*).
5. Cooking 9 (*Three Majors*).
6. Food and Dietetics 5, 6 (*Two Majors*).
7. Cooking and Sewing 15 (*One Major*).
8. Home Nursing 12 (*One Major*).
9. Chemistry, Chemistry of Foods, Chemistry 2, 3 (*Three Majors*).
10. Human Physiology, Biology 4 (*Two Majors*).
11. Bacteriology, Biology 5 (*One Major*).
12. Design, Manual Arts 20 (*One Major*).
13. House Construction, Sanitation, Decoration 10 (*One Major*).
14. Household Administration 11 (*One Major*).
15. Textiles 13 (*One Major*).
16. Teaching of Domestic Economy 14 (*Two Majors*).

(The numbers after the courses are those of Department Statements.)

Those who present four years of Academic work including Physics and Chemistry should be able to secure the certificate in two years. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the certificate in a shorter time.

For Laboratory work in Cooking each student should have an ample supply of wash shirt-waists, large, plain white aprons with bib, shoulder straps and pocket, hand towels made about 18 inches square of checked glass linen and a holder.

PROGRAM OF STUDIES

DOMESTIC ECONOMY	FIRST YEAR		
	Plain Sewing 7*	Plain Sewing 7	Dressmaking 8
	Cooking 9*	Cooking 9	Cooking 9
	Chemistry 1 or 2	Chemistry 1 or 2	Chemistry 1 or 2
	Home Nursing 12	Textiles 13	Millinery 17
	Elective	Elective	Elective
	SECOND YEAR		
	Food and Dietetics 5	Food and Dietetics 6	Cooking and Sewing 15
	Design 20	{ House Construction,	Household
	Sewing 16	{ Sanitation,	Administration 11
	Bacteriology 5	{ Decoration 10	Teaching Domestic
		Teaching Domestic	Economy 14
		Economy 14	Chemistry 3 or
		Biology 4	Biology 4

*The Sewing and Cooking come on alternate days at the same hour throughout the year, thus in effect forming one class, except for Manual Training Students who take sewing every day.

PROGRAM OF STUDIES BY QUARTERS

NOTE.—Some studies are followed by the course number used in the department statements, pages 21-42 ; *e. g.*, English 5 is described on page 27 and Biology on page 21, etc. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
Latin	Latin	Latin
English	English	Botany
Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing
Physical Training	Physical Training	Physical Training

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
Latin ²	Latin	Latin
English ³	English ³	English
Zoology ⁴	Zoology ⁵	Metalworking or Sewing, and Drawing
Metalworking or Sewing and Drawing	Metalworking or Sewing and Drawing	Physical Training
Physical Training	Physical Training	

MECHANIC ARTS GROUP*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
English	English	Botany
Drawing	Drawing	Drawing
Woodworking	Woodworking	Woodworking
Metalworking	Metalworking	Metalworking

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
English ¹	English ³	English
Zoology	Zoology ⁵	Civics
Freehand Drawing 12	Freehand Drawing 12	Forging
Framing, Pattern-Making	Pattern-Making and Foundry	

*Statements about these groups may be found on page 11.

¹Four recitations a week in Fall Quarter.

²Students intending to enter the Engineering Group may take German in place of Latin.

³One recitation a week, Fall and Winter Quarters.

⁴Those requiring three years German for college entrance may substitute beginning German for Zoology.

⁵One hour taken out for English in Winter Quarter.

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)*

	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics 1 Modern Language or Vergil History of Greece Drawing 12	Physics 1 Modern Language or Vergil English 3 Drawing 12	Physics 1 Modern Language or Vergil English 4 Solid Geometry	Chemistry 1 Modern Language Algebra 4 Shop or Cooking	Chemistry 1 Modern Language or Cicero English 5 Shop or Cooking	Chemistry 1 Modern Language or Cicero History of Rome Shop or Cooking
Engineering	Physics 1 Modern Language English 3 Drawing 12	Physics 1 Modern Language Solid Geometry History of Greece	Physics 1 Modern Language English 4 History of Rome	Chemistry 1 Modern Language Algebra 4 Shop	Chemistry 1 Modern Language English 5 Shop	Chemistry 1 Modern Language Trigonometry Shop
Classics	Vergil Greek 1 Physics 1 History of Greece	Vergil Greek 1 Physics 1 Solid Geometry	Vergil Greek 1 Physics 1 English 3	English 4 Xenophon Algebra 4 Shop or Cooking	Cicero Xenophon English 5 Shop or Cooking	Cicero Homer History of Rome Shop or Cooking
Literature	Vergil Modern Language Physics 1 History of Greece	Vergil Modern Language Physics 1 Solid Geometry	Vergil Modern Language Physics 1 English 3	English 4 Modern Language Algebra 4 Shop or Cooking	Cicero Modern Language English 5 Shop or Cooking	Cicero Modern Language History of Rome Shop or Cooking
Mechanic Arts	Algebra 4 Physics 1 Mechanical Drawing 14 Shop 26	Solid Geometry Physics 1 Architectural Drawing 18 Shop 26	Trigonometry Physics 1 Lettering Shop 26	Steam and Electricity Machine Drafting 17 Graphics 39 Drawing 16	Steam and Electricity Machine Drafting 17 English 3 Drawing 16	Steam and Electricity Machine Drafting 17 English 4 Drawing 16

*Physical Training will be required as the Faculty may determine.

PROGRAM BY QUARTERS—CONTINUED

COLLEGE (BY GROUPS)†

FIFTH YEAR			SIXTH YEAR			
AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING	
Modern Language Biology 3 or Chemistry 2 or Physics 2 Trigonometry Drawing or Domestic Economy	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Domestic Economy	Modern Language Biology 3 or Chemistry 2 or Physics 2 Elective Drawing or Domestic Economy	Mathematics 7 Bacteriology English 6 Medieval History	Mathematics 7 Physiology English 7 Modern History	Mathematics 7 Physiology English 8 (Constitutional History)	Science
Mathematics 7 Modern Language English 6 Mechanical Drawing	Mathematics 7 Modern Language English 7 Descriptive Geometry	Mathematics 7 Modern Language Shop or Surveying Descriptive Geometry	Physics 3 Mathematics 8 Shop Drawing 16 Economic History*	Physics 3 Mathematics 8 Shop Drawing 16 Economic History	Physics 3 Mathematics 8 Drawing 16 Analytic Mechanics Economic History	Engineering
Modern Language Plato Biology 3 or Chemistry 1 Medieval History	Modern Language Homer Biology 3 or Chemistry 1 Modern History	Modern Language Sophocles Biology 3 or Chemistry 1 Constitutional History	English 6 Cicero Modern Language Drawing or Domestic Economy	English 7 Livy Modern Language Drawing or Domestic Economy	Trigonometry** Horace Modern Language Drawing or Domestic Economy	Classics
Modern Language Cicero Biology 3 or Chemistry 1	Modern Language Livy Biology 3 or Chemistry 1	Modern Language Horace Biology 3 or Chemistry 1	English 6 Medieval History German 4 Drawing or Domestic Economy	English 7 Modern History German 4 Drawing or Domestic Economy	English 8 Constitutional History Trigonometry** Drawing or Domestic Economy	Literature

The program of Studies of the Teachers' Course in Manual Training and Domestic Economy may be found on pages 11-14.

†Physical Training will be required as the Faculty may determine.

*Two hours per week, one hour being taken from Physics and one from Mathematics 8.

**In place of Trigonometry Classics students may take English 8 and Literature students continue German 4.

DEPARTMENTS

BIOLOGY

THIS Department aims to present, in so far as limited time permits, both the practical and the important theoretical sides of Biology. It makes especial effort to give good training to students preparing to enter the study of medicine.

The laboratories are thoroughly equipped with dissecting and compound microscopes and other apparatus necessary for the general work of the department. The equipment is especially complete for the Physiological and Bacteriological work in the College. In connection with the laboratories is the Museum. It consists primarily of the mounted birds, mammals and other biological collections and herbarium of the Peoria Scientific Association. To this has been added a collection of shells and corals presented by several gentlemen of Peoria, a collection of insects from the University of Illinois and a herbarium presented by Miss Heading of Peoria, as well as many smaller gifts.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the most representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological experiments performed by the students. The compound microscope is used, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week. Text-book, Bergen, Elements of Botany.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observations and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week. Text-book, Linville & Kelley, General Zoology.

COLLEGE

3. *General Biology (Three Majors).* This course is designed primarily for students who are preparing for medicine, but it is open also to other students. Typical forms of animals and plants studied with reference to their anatomy and physiology, the design of the course being a study of their structure and function, rather than their systematic position. It is aimed to give the student a broad conception of the general principles of Biology including a discussion of such problems as heredity, variation and adaptation. The concluding lectures deal with the theory of organic evolution. Introductory work with the compound microscope, including the technic of slide preparation. Lectures and laboratory, ten hours a week.

4. *Human Physiology (Two Majors).* The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general student as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science. Lectures and laboratory, ten hours a week. Prerequisite, Elementary Chemistry. Text-book, Howell, Physiology.

5. *Bacteriology (One Major.)* The general methods of Bacteriology with sanitary and industrial applications. The general biology of bacteria and cultivation and systematic study of the common non-pathogenic and a few pathogenic organisms and their effects. Hygienic aspects of Bacteriology, testing of disinfectants, bacteriological examination of water, air, soil, milk, etc. Discussion of the problems of Water Supply and Public Health. Lectures and laboratory, ten hours a week. Text-book, Jordan, General Bacteriology.

CHEMISTRY

The aim of this department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in everyday life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to enable the student to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The department library is well supplied with carefully selected books and periodicals, and is kept up to date by the purchase of the more important new books as they appear.

HIGHER ACADEMY AND COLLEGE

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements, compounds of oxygen, hydrogen, water, chlorine, hydrochloric acid, atomic theory, nitrogen and ammonia. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of non-metallic elements, the halogens, sulphur and nitrogen groups, valence, solution and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be able to identify any simple salt, and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week. Prerequisite, Physics 1, or its equivalent.

COLLEGE

2. *Advanced General Chemistry and Qualitative Analysis (Three Majors)*.

(a) The lectures and recitations on advanced general chemistry deal with the subject as presented in Ostwald's Principles of Inorganic Chemistry; study of the theory of solution, electrolytic dissociation, hydrolytic dissociation, mass action and chemical equilibrium, three hours a week. In the laboratory, reactions of basic and acidic ions, analysis of mixtures, seven hours a week.

(b) First half of term, same as (a); Analysis of complex mixtures, ores, and compounds of rare elements. Second half, Quantitative Analysis; Gravimetric Methods. Lectures and laboratory, ten hours a week.

(c) *Quantitative Analysis* continued. Methods in gravimetric, volumetric and electrolytic determinations. Lectures and laboratory, ten hours a week.

3. *Chemistry of Foods (One Major)*. Lectures and laboratory work in the examination and testing of food materials, including the quantitative determination of the food principles in some of the common, typical foods, ten hours a week. Prerequisite, Chemistry 2, (a) and (b).

DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz.:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in Domestic Economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

The new "Practice House," a seven room cottage near the Institute, affords an excellent opportunity for practical work in various household processes (giving of meals, laundry work, etc.), under the conditions of the ordinary home. This house is made use of by all the students of the department.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of Domestic Economy:

LOWER ACADEMY

1. *Sewing (Two Majors)*. A full course in hand sewing, consisting of basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing garments.

4. *Cooking (Three Majors)*. This course takes up in a general way the various household processes, with special emphasis on the selection, preparation and serving of food. Lectures, recitations and laboratory work.

5. *Food and Dietetics (One Major)*. A critical study of food materials from a chemical, physiological and economic standpoint. The food requirements of the body under varying conditions are considered, and dietaries made. Lectures, recitations and written work.

6. *Food and Dietetics (One Major)*. The application of the preceding course to actual problems—making menus, marketing, preparation and serving of meals. Special methods of working out dietaries. Lectures and laboratory work. Prerequisite, Domestic Economy 5 and 9.

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of undergarments, a shirtwaist, and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. The application of heat to food materials. Laboratory work in cooking in large and small quantities.

Prerequisite, Chemistry.

10. *House Construction, Sanitation and Decoration (One Major)*. A study of the home. The course includes (a) lectures on planning with reference to convenience, cost, site, cellar, foundation, materials, framing, finish, plumbing, heating, lighting, furnishing, decoration; (b) planning a house to meet given conditions; (c) making set of working drawings, including floor plans, elevations, details, and color studies of interior.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, domestic service, care of the house, including the various cleaning processes. Lectures, recitations, assigned readings and practical work.

Prerequisite, Domestic Economy 6 and 10.

12. *Home Nursing, Emergencies and Invalid Cookery (One Major)*. What to do in cases of emergencies, as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The development of spinning and weaving and modern processes of manufacturing. The laboratory work includes weaving, dyeing, laundering and basketry. Lectures, reading and laboratory work.

14. *Teaching of Domestic Economy (Two Majors)*. Application of the general principles of teaching to the teaching of the various branches of Domestic Economy in elementary and high schools. Correlation with other studies in the curriculum. History of the development of the domestic economy movement in the United States. Planning courses of study and equipment for specific schools. Practice teaching.

15. *Advanced Course in Cooking and Sewing (One Major)*. This course is intended (a) to give additional practice in cooking, especially in large quantities; (b) practice in demonstrations; (c) practice in applying school-room methods in cooking; (d) additional practice in sewing.

16. *Sewing (One Major)*. This course is designed for normal students who enter without credit in sewing, and others who need work to supplement Sewing 7 and 8. It will include a study of stitches used in decorative art, with application to wearing apparel and household articles.

17. *Millinery (One Major)*. This course includes: (a) The planning and making of a wire frame, and the covering with straw, lace or embroidery.

(b) The study of color, shape and trimming as to suitability and becomingness.

(c) Simple trimming. Use and renovation of old materials.

(d) Making and covering of a miniature buckram frame.

ENGLISH

The work of the Department of English has four general aims: 1. Power to speak well and write well. 2. An intelligent love of good literature. 3. A knowledge of the laws which govern expression of thought by words. 4. Familiarity with the chief facts of the history of the English language and literature.

To accomplish the first of these ends, effort is made to improve the everyday spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and to avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the history of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

1. (a) *Study of Literature*: Two of the following: "Kidnapped," "Treasure Island," "Autobiography of Franklin," "Tales of a Traveller."

Composition: Short Narrations and Descriptions; special attention to spelling, punctuation and sentence structure. Text-book, Scott and Denney's *Elementary Composition*.

(b) *Study of Literature*: "The Lady of the Lake" and "Julius Caesar."

Composition: Same as course (a) Weekly Themes (*Two Majors*).

2. (a) Twenty themes in once a week courses for the fall and winter quarters. In the fall quarter Exposition and Argumentation are studied; in the winter quarter Description and Narration are reviewed.

(b) *Spring Quarter*. Study of Literature five times a week. The following selections are studied: "The Merchant of Venice," "The Ancient Mariner," "The Vision of Sir Launfal," "Silas Marner," "Deserted Village."

Two weeks given to Grammar review.

HIGHER ACADEMY

3. (a) *Study of Literature*: "Macbeth," "Idylls of the King," "Ivanhoe."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly (*One Major*).

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration, with introductory study and practice in exposition and argumentation; themes twice a week, one oral debate before the class. Special attention, in connection with the theme work, is given to rhetorical elements. Study of Webster's Bunker Hill Oration, Washington's Farewell Address, Macaulay's Essay on Johnson, selections from Sir Roger de Coverley Papers, selections from Emerson's Essays.

Prerequisite, Course 3.

5. *Study of Literature (One Major)*. "The Tempest," "L'Allegro," "Il Penseroso," "Comus" and "Lycidas"; Pope's "Rape of the Lock"; selected poems of Burns; Carlyle's "Essay on Burns." Special attention is given in the history of literature from the Elizabethan period to the Romantic period.

Prerequisite, Course 4.

COLLEGE

6. *Rhetoric and Composition (One Major)*. A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition and argument. Themes required weekly.

Prerequisites, Courses 4 and 5.

7. *English Literature (One Major)*. Introductory study of the history of the English language and literature, with accompanying study of selected poetry and prose.

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition (One Major)*. Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style.

GERMAN AND FRENCH

The Modern Language Department aims (1) to give a clear and intelligible pronunciation of German and French; (2) to enable the student to read easily and accurately, without translation, German and French prose of ordinary difficulty; (3) to give facility in reproducing English text in idiomatic German and French; (4) to lay the foundation for appreciation of modern and classic German and French literature.

GERMAN

HIGHER ACADEMY OR COLLEGE

1. The special purpose of this course is the acquisition of a large vocabulary and of such knowledge of the language as will enable the student to read at sight easy German prose. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode and the simpler idioms.

Bierwirth, *Beginning German*; Allen, *Herein*; Hillern, *Höher als die Kirche (Three Majors)*.

2. Review of elementary grammar, study of more advanced grammar, prose composition and sight-reading. Frequent practice in conversation and in "freie Reproduktion" familiarize the student with much colloquial German. In the spring quarter an elective course in scientific reading is offered. Thomas, *Practical German Grammar*, Part I; Bernhardt, *German Composition*. The texts read are the following or equivalents: Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Heyse, *L'Arrabbiata*; Benedix, *Einer muss heiraten*; Gore, *German Science Reader (Three Majors)*.

COLLEGE

3. The essential features of the student's work in this course are constant practice in oral and written expression with a widening range of syntax and idiom, sight translation, a systematic review of grammar. Thomas, *German Grammar*, selections from Part II; Jagemann, *German Syntax*; Pope, *Prose Composition*; Ball, *German Drill Book*. The texts read are the following or equivalents; Rosegger, *Waldheimat*; Scheffel, *Ekkehard*; Sudermann, *Frau Sorge (Three Majors)*.

4. This course aims to extend the student's acquaintance with the best modern prose, as well as with the literary movements of the eighteenth century. Rapid reading, library work, with weekly themes in German on subjects suggested by the course give a stronger grasp of the language. Critical readings of the following texts or equivalents: Goethe, selections from *Dichtung und Wahrheit*; Egmont; *Hermann und Dorothea* (read out of class); Götz von Berlichingen; *Iphigenie*; Lessing, *Nathan der Weise*; Schiller, *Die Jungfrau von Orleans* (read out of class); *Maria Stuart*; *Wallenstein*; Grillparzer, *Der Traum, ein Leben*; Fulda, *Der Talisman* (read out of class); Hauptmann, *Die versunkene Glocke*. (*Three Majors*).

Prerequisite, Course 3.

In courses 2, 3, 4, German is the language of the class-room.

FRENCH

HIGHER ACADEMY OR COLLEGE.

1. In this course, stress is laid upon the principles of grammar and composition. Reading of easy prose, frequent dictation, memorizing French and practice in conversation aid the student in understanding both written and spoken French. In the spring quarter scientific reading is introduced. Fraser and Squair, *French Grammar*, Part I; François and Giroud, *Simple French*; François, *French Composition*, Part I; Halévy, *L'Abbé Constantin*; Bowen, *First Scientific French Reader*. (*Three Majors*.)

2. The study of grammar is continued with more advanced composition. Some of the works of modern authors, as well as some of the classic dramas of the seventeenth century are read. Sight-reading, conversational practice with attention to modern French idiom, dictation and memorizing of French form an important part of the course. Frazer and Squair, *French Grammar*, Part II as reference; Koren, *French Composition*; Armstrong, *Syntax of the French Verb*. The texts read are the following or equivalents: Mérimée, *Colomba*; Sand, *La Mare au Diable* (read out of class); Molière, *Le Bourgeois Gentilhomme*; Bazin, *Contes Choisis*; Hugo, *La Chute*; Paileron, *Le Monde où l'on s'ennuie*. (*Three Majors*.)

The international correspondence plan enables students in this department to enter into correspondence with students in Germany and France.

HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

2. *Civil Government (One Major)*. An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

HIGHER ACADEMY

3. *Greek History (One Major)*.

4. *Roman History (One Major)*.

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history. Causes leading to the transition to the medieval age.

COLLEGE

5-6. *European History (Two Majors)*. Following a rapid review of the changes during the Teutonic invasion of the Empire, the course traces the development of European history from the reorganization of the Empire by Charles the Great to modern times. Emphasis is laid on the connection between past and present, and on the more important questions and tendencies of today.

Prerequisite, Course 4.

7. *Topics in the Constitutional History of the United States (One Major)*. This course gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Note.—A valuable collection of public documents affords especial facilities for the work of this course.

8. *Economic History of the United States (One Major)*. This course continues throughout the year, two hours a week. It is designed to give the student a better understanding of the economic conditions of modern life, and of how to meet them.

LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; Caesar, *Gallic War*; Eutropius, *Roman History*; Nepos, *Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the college a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin, however, still forms the substantial part of the work. Close attention is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses translation at sight will form a part of the work. Each student will be encouraged to work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons (Three Majors)*.
2. Caesar and Prose Composition (*Three Majors*).

HIGHER ACADEMY

3. Vergil (*Three Majors*).
4. Cicero, Orations; Prose Composition (*Two Majors*).

COLLEGE

5. (a) Cicero, *De Senectute*; Terence, *Phormio* (*One Major*).
(b) Livy, Book I or XXI (*One Major*).
(c) Horace, *Odes* (*One Major*).

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

II. GREEK

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Especial attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompanies the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected department library.

HIGHER ACADEMY

1. *Elementary Greek (Two Majors)*. Xenophon, *Anabasis*, Book I; Prose Composition (*One Major*).

2. (a) Xenophon, *Anabasis*, Books II and II, and Book IV, or selections from Xenophon, *Helenica (Two Majors)*. Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books (*One Major*).

COLLEGE

(a) Plato, *Apology* and *Crito (One Major)*.

(b) Homer, about 12 books of the *Odyssey (One Major)*.

(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alcestis* or *Media*; Sophocles, *Antigone (One Major)*.

Exercises in writing Greek and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).

MANUAL ARTS

This department gives (a) instruction in manual training and drawing to boys of the Lower Academy; (b) instruction in drawing to girls of the Lower Academy; (c) advanced courses in drawing, painting and designing to students in the Higher Academy and College; (d) courses in shopwork, drawing and engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) a course designed to prepare students to become machine draftsmen; (f) courses in shopwork and drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who are working toward a degree in engineering; (g) normal training to both men and women who wish to teach manual training and drawing.

LOWER ACADEMY

1. *Woodworking and Drawing (Three Majors)*. This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy.

During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning. During a part of the year weekly illustrated talks are given on forestry, lumbering, kinds of wood, methods of sawing, seasoning and marketing lumber.

In drawing, the elements of mechanical drawing are given, with emphasis at first in the direction of working drawings; later, the theory of projection is taken up, also the study of developments of geometric solids. Text: Bennett, *Problems in Mechanical Drawing*.

2. *Metalworking and Drawing (Three Majors)*. The general plan of this course is similar to Course 1. It is a manual-training course in cold-metal working and is required of boys in the second year of the Lower Academy.

It consists of a large number of processes fundamental in metalworking. Among them are chipping, filing, fitting, polishing, beating, drilling, riveting, soldering, turning, spinning and the hardening and tempering of steel. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, copper trays and lanterns, tin funnels and dishes, and a great variety of other objects in copper and black iron. During a part of the course, students are encouraged to work from their own designs. Attention is given to the study of metallic ores.

The drawing in this course is largely freehand, including work in color,

and during the first two quarters, is closely related to the shopwork. Designs for many of the shop problems originate in the drawing room. The third quarter is devoted to the principles of perspective and still-life drawing.

This course includes a series of illustrated talks on the mining of iron ore and the manufacture of steel.

3. *Freehand Drawing (One Major)*. A course in pictorial and decorative drawing required of girls in the first year of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing (One Major)*. This course is required of girls in the second year of the Lower Academy. The second half year is given to mechanical drawing, the first to practical work and design, centering upon needlework. The latter involves the study of color combinations and the laying on of flat tints with water colors.

HIGHER ACADEMY

5. *Framing and Wood-Turning (One Major)*. A course in house and bridge framing, including the construction of the most important joints. An advanced course in wood-turning is given at the close of the work in framing, preparatory to pattern-making.

Prerequisite, Manual Arts 1.

6. *Pattern-Making (Two Majors)*. The first half of this course covers the fundamental principles and processes of pattern-making, together with enough foundry work to demonstrate principles of pattern-making. During the second half, the class makes complete sets of patterns for machines to be constructed by students in the class in machine construction.

Prerequisite, Manual Arts 1 and 5.

7. *Cabinet-Making (One Major)*. This course in cabinet-making and wood-finishing may be taken in place of the second half of Course 6. It consists in designing and constructing pieces of wooden furniture, having as their leading characteristics simplicity, stability and pleasing proportions.

Prerequisites, Manual Arts 1 and 5.

9. *Foundry Practice (One Major)*. This is a course in molding, core making and casting, supplemented by lectures and demonstrations on foundry work.

10. *Forging (One Major)*. This course includes instruction in building and handling the forge fire; in the use of the hammer, anvil, tongs, and the other tools of the forge shop; and the forging and welding of iron and steel. It also includes forging, hardening and tempering tools.

14. *Mechanical Drawing (One Major)*. This course is intended to give a thorough grounding in orthographic projection, developments and inter-

sections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing, Machine Drawing or Descriptive Geometry, which follows. Text: Anthony, *Mechanical Drawing*. Prerequisite, Manual Arts 1.

17. *Machine Drafting (Three Majors)*. This course supplements Manual Arts 16 (Machine Drawing and Design) and places emphasis on technique, speed, and accuracy. Instruction is given in the use of the slide rule, in drafting room system, and keeping of data. The students pursuing this course will be kept on practical drafting work involving engine construction, machine tool design, installation plans, or whatever may be available until proficiency is acquired.

Students who have completed the work of the Mechanic Arts group of studies as outlined on pages 15 and 16 and have met the requirements of proficiency in this course are awarded a special draftman's certificate.

Prerequisite, Manual Arts 14.

39. *The Graphics of Machine Design (One Major)*. This course teaches the mathematical solution of problems in machine design by graphic methods, including testing for interference of moving parts, the theory and construction of graphical charts for determining the proportion of machine parts, the construction of templates, etc.

Text-book, *Construction of Graphical Charts*, Peddle.

Prerequisites, Plane Geometry, Algebra 4, Plane Trigonometry 5. Must either have taken or be taking Manual Arts 17.

18. *Architectural Drawing (One Major)*. This course consists in making floor plans, elevations and details of summer cottages and suburban houses. The requirements of the modern home are considered from the standpoints of health, convenience and culture, and buildings are then designed to meet definite practical conditions. Students consult published plans and plans loaned by local architects. Text: Edminster, *Architectural Drawing*.

Prerequisite, Manual Arts 14.

12. *Freehand Drawing (Two Majors)*. (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink and water color. (b) Lectures on freehand perspective and the history of art. For home work in connection with this course pupils are advised to read Tarbell, *History of Greek Art*, and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2 or 3 and 4, or equivalent.

13. *Freehand Drawing (One Major)*. A continuation of course 12, adding pictorial composition and outdoor sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are advised to read Goodyear, *Renaissance and Modern Art*, or some other book on the history of art which is approved by the teacher.

Prerequisite, Manual Arts 12.



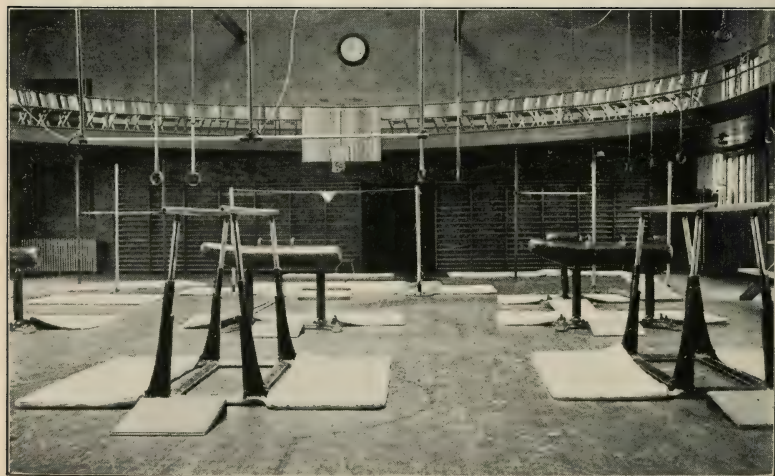
COOKING LABORATORY



SEWING ROOM



A CLASS IN LATIN



INSIDE THE MEN'S GYMNASIUM

21. *Lettering (One Major)*. This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing. Text: French and Meiklejohn, *The Essentials of Lettering*,

Prerequisite, Manual Arts 12.

26. *Machine-Tool Work (Three Majors)*. This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

24. *Steam and Electricity (Three Majors)*. This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines; (e) practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

This course will not be given during the year 1911-12.

COLLEGE

15. *Descriptive Geometry (Two Majors)*. A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces. Text: Randall, *Elements of Descriptive Geometry*.

Prerequisites, Manual Arts 14 and Mathematics 3.

16. *Machine Drawing and Design (Two Majors)*. This course includes (a) making drawings of standard machine parts, making working sketches and drawings from machines, and assembly drawings from working drawings; (b) calculations for proportioning, and designs of bolts, keys, journals, bearings, couplings, feed screws, gears, and cams, with a study of tooth forms.

The course aims to prepare students for further work in engineering schools. Text: Smith and Marx, *Machine Design*.

Prerequisites: Must have taken or be taking Physics 2, Manual Arts 6 and 26 and must have taken Manual Arts 14.

40. *Steam (One Major)*. This course is a general study of the steam power plant—pumps, boilers, steam engines and condensers—preparatory to thermodynamics.

Prerequisites: Must either have had or be taking Physics 3.

27. *Machine Tool Work (Three Majors)*. This is a course in machine shop for students who wish to get advanced credit in engineering college courses. It covers the fundamental processes of machine tool work and gives some practice in machine construction.

Prerequisite, Manual Arts 2.

19. *Drawing from the Antique (Three Majors)*. This course includes (a) drawing the full human figure and various details from the cast, ending with the draped live model and the human head; (b) history of painting by means of pictures, talks and text-book—Van Dyke, *History of Painting*.

Prerequisite, Manual Arts 12.

20. *Design (Two Majors)*. This course consists of problems in (a) theory of color, (b) theory of design, and (c) applied design. In connection with applied design, instruction is given in tooled leather work and stenciling.

Prerequisite, Manual Arts 12 or equivalent.

31. *Woodworking (Three Majors)*. This is a comprehensive course for prospective teachers of manual training. It is divided into three parts, namely:

(1) *Benchwork*. This consists of (a) a review of elementary problems in benchwork, (b) problems in joinery, (c) elementary wood-carving, (d) furniture construction, (e) methods of teaching woodworking.

(2) *Wood-Turning*. This includes spindle, face-plate and chuck turning, fitting and polishing.

(3) *Materials*: A lecture and laboratory course covering a study of woods (shrinking, warping, hardness, elasticity, etc.), making collections of woods; (b) finishing—paints, stains, fillers, varnishes, wax, etc.; (c) study of nails, screws, glue, etc., used in woodworking.

Prerequisite, Manual Arts 5 and 7, or equivalent.

32. *Drawing (Two Majors)*. A course arranged to meet the needs of teachers of manual training. The work of the first quarter consists of (a) a review of elementary mechanical drawing, (b) more practice in making working drawings, (c) a study of lettering, and (d) methods of teaching drawing. During the second quarter, students in this course take up the study of House Construction, Sanitation and Decoration (Domestic Economy 10) with the students who are studying to become teachers of domestic economy. The third quarter is devoted to constructive design, including the designing of objects to be worked out in wood and metals.

Prerequisite, Manual Arts 14 and 20, or equivalent.

33. *Elementary Handwork (One Major)*. This course takes up several forms of constructive work not covered in Course 37. It includes book-making, pottery, knifework in thin wood, whittling.

34. *Organization of Manual Training (One Major)*. This course includes (a) organization of manual training and art work in different kinds and grades of schools, (b) study of courses of instructions, (c) study of equipments, (d) planning equipments in detail to meet given conditions, (e) economic and engineering problems arising in equipping for manual training work. Lectures, discussions, reading, written work, and a thesis at the end of the course.

35. *History of Manual Training (One Major)*. This course covers (a) a brief study of the educational theory and practice of Pestalozzi, Froebel and other educational reformers, (b) educational handwork in European countries, (c) the development of manual training, art instruction and industrial education in the public schools of the United States. Lectures, discussions, reading and written work.

36. *Teaching Manual Training (One Major)*. In this course, (a) the principles of teaching are presented with special reference to the manual arts, (b) methods of teaching are considered, (c) and typical lessons observed, taught and discussed. Lectures, discussions, reading, written work, and practice teaching.

37. *Elementary Art (Three Majors)*. This course deals with typical forms of art and constructive work suitable for children in the elementary schools, and practicable under the conditions of the ordinary schoolroom. The work involves the study of color, representation drawing, design, modeling, the elements of mechanical drawing and constructive work. It is a comprehensive course designed to meet the needs of those who are to become supervisors of art and handwork in the elementary schools.

Prerequisite, Manual Arts 12 and 14 or equivalent.

38. *Metalworking (Three Majors)*. This course covers a large number of fundamental processes in cold metal working, suitable for grammar and high schools. It includes chipping, filing, fitting, polishing, drilling, riveting, turning, threading, soldering and spinning; also hammered metal work, involving surface development, cutting, piercing, raising, hard soldering and coloring.

MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by its applications as well as by the logical development of the subject. It is sought to lead the student to some appreciation of the nature and the scope of the realm of mathematical thought, and to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. The student is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

LOWER ACADEMY

1. *Algebra (Three Majors)*. This course is designed to make the transition from arithmetic to algebra with the least abruptness possible by extending the theoretic processes of arithmetic to algebraic symbols, and to develop a thorough ability to handle the fundamental operations and the solution of linear and quadratic equations as a basis for subsequent mathematics.

2. *Plane Geometry (Three Majors)*. Emphasis is placed upon the original solution of problems and theorems. In this course it is aimed to correlate algebra and geometry and to illustrate the application of geometry to constructive drawing, elementary physics, engineering and other practical problems. Some use is made of sines, cosines and tangents in the solution of triangles.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry (One Major)*. The more essential theorems of the subject are given. Some time is devoted to the construction of models and the solution of practical problems. Attention is given to computation errors in reducing data obtained by measurement.

Prerequisite, Mathematics 2.

4. *Algebra (One Major)*. This is a continuation of Course 1, but gives a more extended and scientific treatment of subjects treated in that course. Other subjects are added, such as simultaneous equations, inequalities, and logarithms. It demands of the student the power to use Algebra as well as the ability to understand it.

Prerequisite, Mathematics 3.

5. *Plane Trigonometry (One Major)*. Emphasis is placed upon accuracy of computation and the ability to handle the formulae in the transformation of functions and the solution of trigonometric equations.

Prerequisite, Mathematics 4.

COLLEGE

7. *Mathematics (Three Majors)*. This course takes up topics usually given in courses in Algebra, Analytic Geometry and Calculus, and treats them in a consecutive and homogenous manner. The more elementary and simpler portions of these subjects are considered, leaving the more complicated parts until the following year.

Prerequisite, Mathematics 5.

8. *Mathematics (Three Majors)*. This course is in continuation of Course 7, and includes Algebra, Analytic Geometry, Differential and Integral Calculus and Differential Equations, and their application to physical and mechanical problems

Prerequisite, Mathematics 7.

9. *Surveying (One Major)*. A general course in the elements of Plane Surveying. Practice is given in the use of chain, tape, compass, level, transit, stadia. Practical problems are set and accurate plats are made.

Prerequisite, Mathematics 5.

10. *Analytic Mechanics (One Major)*. This course deals with the fundamental principles of the mechanics of engineering. It aims to establish these principles and emphasize their value by applying them to numerous engineering problems. The student is given a careful training in the use of mathematics as applied to such problems and in the use of engineering data.

Prerequisite, the student must either have had or be taking Mathematics 8.

PHYSICAL TRAINING

The Department of Physical Training has supervision over all Gymnastic and Athletic activities. It is the aim of the department to give the students such exercises, games and sports as will best create and maintain a vigorous physical health. It endeavors to reach a large number of students, especially the weak and undeveloped, and to give exercise that will be within the capacity of each student.

The gymnasium is one of the largest and best equipped in the state. On the ground floor are to be found bowling alleys, pool tables, a swimming pool, showers and lockers. On the second floor besides the necessary offices are the gymnasium for men, another for women, club rooms and a lecture room. On the third floor is located a large social hall. Each gymnasium contains all the necessary apparatus and equipment for systematic physical training.

A large athletic field is provided for the use of students and all Inter-collegiate and Interschool games and meets are held here. The field is equipped with two baseball diamonds, a quarter mile cinder track, jumping and vaulting pits. All athletic activities are under the direct supervision of thoroughly trained instructors.

Three tennis courts are maintained on Bradley campus and five courts situated at the rear of gymnasium will be finished before the next school year.

A required physical examination is given to all students. Upon the basis of this examination special exercise and advice is given according to the needs of the individual student.

PHYSICAL TRAINING COURSES

I. FOR MEN

Courses for men include: (1) Marching, (2) Calisthenics, (3) Light Apparatus Work, (4) Athletics.

Note.—The Physical Training Department aims to create and supervise athletic sports for students of all ages and sizes. To this end soccer football, basketball and baseball leagues are operated in their respective seasons. These leagues are open to students who do not represent the school in inter-collegiate contests. Suitable trophies are awarded to the winners of each league.

II. FOR WOMEN

A physical examination is made of all women in the department by the director during the early part of the fall term. Well regulated physical exercise is then given to meet the needs of every student.

Physical exercise consisting of a graded, systematic course of healthful, body building exercise and recreation is required three hours per week during the first two years of each student's residence at the Institute.

(A uniform gymnastic suit is required and student should consult the director before procuring one.)

FIRST YEAR

Elementary Class Work in Swedish Gymnastics:

(a) To awaken a healthful interest in bodily exercise and a spirit for play through co-operative games.

(b) To lessen the cerebral circulation after mental work of the classroom.

(c) To correct faulty positions in standing and walking as, round shoulders, forward head, flat chest, and slight cases of spinal curvature.

SECOND YEAR

More advanced Class Work with Apparatus. Physical Balance Work, Folk Dancing, Aesthetic Dancing.

The fall and spring quarters are devoted to out of door sports. Field Hockey, Basketball, Indoor Baseball and Tennis.

PHYSICS

The Physics Department is housed in six rooms; a large lecture room provided with desk-arm chairs and seating fifty students, large instructor's table fitted with water, gas and electricity, lantern with reflectoscope and vertical projector, dark shades, apparatus cases well filled with good apparatus to which additions are constantly being made. A laboratory designed to accommodate sixty-four students in four classes of sixteen each. Like the lecture room the laboratory is provided with a good selection of apparatus and it is being brought up as rapidly as possible to an outfit capable of caring for the eighty students now taking the subject. In addition there is a large photometry laboratory equipped with a three metre optical bench, Lummer-Brodhun photometer, compound universal rotator, while a Reichsanstalt Hefner lamp and conduit connections with the storage battery provide for high grade work in lamp and light testing and measurement. A second small photometry room is available for elementary work and has in connection a dark room for photography having running water and both artificial and natural red light. There is a store room for articles used infrequently, and all the rooms are fitted with shelves or more often closed cases for the protection of apparatus. In the laboratory there is a physics library of some five hundred volumes. New books are frequently purchased and a number of the best scientific and electrical papers and magazines are regularly received. Later these are bound.

HIGHER ACADEMY

1. *Elementary Physics Course (Three Majors)* required of all third year academy students. A general course in Mass and Molecular Mechanics, Heat, Light, Sound, Electricity and Magnetism, with three recitations and two double-hour laboratory periods per week. Applications to daily life are frequently made. The aim of the course is to give a thorough grounding in the elements of this fundamental science, and to give a general knowledge of the whys and hows of common everyday happenings, and to train the mind to habits of careful observation and reasonably accurate deduction. Text: Millikan and Gale, *First Course in Physics*.

Prerequisites, Algebra and Plane Geometry.

COLLEGE

2. *Advanced Physics Course (Three Majors)* is given in the second year of the college. It is intended primarily for those expecting to take further work along engineering lines, or those whose later college work demands a second course in Physics. The work covers somewhat the same ground as the elementary course, but in an advanced way in every particular. The treatment is more mathematical, and the experiments while fewer in number are much more difficult and a much greater degree of accuracy is required. Text: Crew, *General Physics*; Miller, *Laboratory Physics*.

Prerequisites, Physics 1 and Plane Trigonometry.

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science, Engineering and six-year Mechanic Arts Groups, the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature Groups, a student who enters the Institute from another institution will be required to do work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES

Tuition. The charges for tuition are as follows: Full work (3 or 4 classes), \$20.00 per quarter; 2 classes, \$15.00 per quarter; 1 class, \$10.00 per quarter. There are three quarters in the school year. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. Each student pays a gymnasium fee of one dollar per quarter. *Necessary text-books and instruments will be provided by the Institute free of charge.* Tuition fees should be paid during the first two weeks of each quarter. Neglect to do so will render students liable to be refused admittance to classes. Checks should be made payable to Bradley Polytechnic Institute.

In some cases students are allowed to pay part or all of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits, (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at reasonable rates. The Institute will make special effort to secure satisfactory conditions as to boarding and rooming accommodations

in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute.

SCHOLARSHIPS

I.—SCHOLARSHIPS IN THE INSTITUTE

(a) *The Institute grants scholarships to the value of \$60.00 each, covering tuition in the College for a year—*

1. Two scholarships to members of the class graduating from the Academy, awarded by the Faculty. These are now held by Helena Burgess and Mary Hunter.

2. Two scholarships to the two graduates of the Peoria High School having the highest rank. One of these is now held by Jessie E. Quisno.

(b) *The Institute grants scholarships of the value of \$60.00 each, covering tuition in the Academy for a year—*

1. A scholarship to the boy and to the girl standing highest in the Peoria county examination for the Eighth grade. One of these is now held by Mabel N. Look.

2. A scholarship to the boy standing highest in the Tazewell county examination for the Eighth grade.

(d) *The Board of Supervisors of Tazewell County gives a scholarship to the girl standing highest in the Tazewell County examination for the Eighth grade.*

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO

The University of Chicago grants each year to Bradley Institute, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. One of these is now held by Florence L. Schwartz.

EVENING CLASSES

The Evening Classes give instruction in practical work and are intended especially for workers in shops and factories who can not take advantage of day schools. The classes are in session from October to May, meeting on Tuesday and Thursday evenings.

The following courses are given:

Woodworking and Patternmaking, Mr. Van Deusen; Machine Shop, Mr. Raymond; Mechanical and Machine Drawing, Mr. Evans.

The same courses will be given in 1911-12, and, in addition, there will be offered courses in Mathematics, Electricity and Magnetism.

SUMMER SCHOOL

The Summer School, devoted to Manual Training and Domestic Economy, extended from June 27th to July 30th. It was conducted under the superintendency of Charles A. Bennett, head of the Manual Training Department, with the following additional instructors: Wm. E. Roberts (Cleveland, O.), Furniture-Making and Methods of Teaching Woodworking; Elida E. Winchip, Sewing; W. F. Raymond, Metalworking; Adelaide Mickel, Applied Design; Clinton S. Van Deusen, Woodworking; Jessamine Chapman (Sweet Briar, Va.), Cooking; Frederick H. Evans, Machine Drawing; Wales H. Packard, Biology; George C. Ashman, Chemistry; Arthur F. Payne, Art Metal Work; Ben W. Johnson (Seattle, Wash.), Constructive Design and Elementary Handwork; Joseph H. Judd (Manchester, Eng.), Lecturer on Manual Training.

The following courses were offered: 1. History and Principles of Manual Training. 2. Elementary Handwork. 3. Woodworking. 4. Mechanical Drawing. 5. Machine Drawing. 6. Freehand Drawing. 7. Metalworking for Grammar and High Schools. 8. Textiles and Plain Sewing. 9. Dressmaking. 10. Furniture-Making and Methods of Teaching Woodworking. 11. Wood-Turning and Patternmaking. 12. Machine Shop Practice. 13. Constructive Design. 14. Design, Stenciling and Leather Tooling. 15. Elementary Cooking. 16. Advanced Cooking. 17. Art Metal Work. 18. Elementary Chemistry. 19. Chemistry of Foods. 20. Physiological Chemistry. 21. Bacteriology.

The tuition for the Summer Term is \$25.00 for three courses, \$20.00 for two and \$15.00 for one.

The students of the Summer School of 1910 came from the following states: Illinois, Indiana, Ohio, Missouri, Iowa, Minnesota, Pennsylvania, Wisconsin, Michigan, California, Colorado, Kansas, New York, Texas, Oklahoma, Kentucky, Washington, South Carolina, New Mexico, Utah, Connecticut, Louisiana, Maine, Nebraska, Canada. Several of these were college graduates, the great majority were teachers.

The Summer School for 1911 will offer similar courses. It is held from June 26 to July 29.

UNITED STATES WEATHER BUREAU

During the summer of 1904 the United States Government erected a Weather Bureau Station at the north end of the campus on a lot granted by the Institute. This is under charge of Merton L. Fuller. Daily bulletins and weather maps are sent out from the station. Special lectures are given by Mr. Fuller to Institute classes.

CHAPEL AND SPECIAL EXERCISES

A brief chapel service, which all students are expected to attend, is held daily. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. Occasionally musical programs and addresses by prominent professional and business men on practical topics take the place of the chapel service.

On Saturday evening, February 25, a short play in German was given by members of the classes in Modern Languages.

The reflectoscope or lantern slides are frequently employed in connection with informal talks in different departments, especially Manual Arts, the Sciences, History, the Ancient and Modern Languages.

PARENTS' MEETINGS

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes: 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 3. To discuss educational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The date of the Parents' Meeting for 1911-12 will be Friday, October 20.

THE BOARD OF ATHLETICS

Athletics are under direct control of a board made up of five members of the Faculty and five representatives elected from various divisions of the school. Actions of the Board are of course subject to revision by the Faculty.

MEMBERSHIP OF THE BOARD, 1910-1911.

Chairman, *ex-officio*—T. C. BURGESS, Director; The Faculty of Arts and Sciences—G. C. ASHMAN, Secretary, F. C. BROWN, Physical Director, C. S. VAN DEUSEN; The Horological Faculty—J. A. MINOR; The Horological School—A. T. WESTLAKE, JR.; The College—H. A. BALLENGER, F. G. MERCER; The Higher Academy—ALLEN T. HINE, JOHN HOLMES; The Lower Academy—WILLIAM SISSON; The Young Women—JEAN LOVE.

MANAGERS FOR 1910-1911

HAROLD D. McCULLOUGH, Football; RAY C. MAPLE, Baseball; EDWARD E. CASHMAN, Track; CHARLES R. MULFORD, Tennis; LORING T. BUNN, Basketball.

THE COUNCIL

The Council consists of eight representatives from the student body and three from the Faculty.

Four of the students are elected from the College, two from the Higher Academy and two from the Lower Academy, equally divided between young men and young women. The young man from the Senior class acts as President of the Council. The Faculty members consist of the Director and two others (Wales H. Packard and Katherine F. Walters) chosen by the Faculty.

The Council has under its care, The Tech, The Polyscope, Literary Societies, Clubs and Organizations, in short all student activities not conducted by the Athletic Board.

REPRESENTATIVES FOR 1910-1911.

College—WILBUR E. FLOOD, PAULINE E. THOMASSON, HELEN L. PAUL, WALTER NEAL; Higher Academy—RICHARD F. GRANER, HARRIET BLOCK, JOHN O. ELLIS; Lower Academy—JAMES H. BUNN, ISABELLE K. NICOL.

ORGANIZATIONS

ARTS AND CRAFTS CLUB

The Arts and Crafts Club, as its name signifies, is a society whose purpose is to stimulate interest in the arts and crafts at Bradley Institute, and especially to recognize and encourage artistic handicraft and original design among the students.

The club is a member of the National Handicraft League and receives and exhibits the National Traveling Exhibit. The club also holds numerous exhibits and lectures during the year, the most important of which is the annual spring exhibit of the arts and crafts work made by the students of the Institute. For this exhibit a jury is appointed who award certificates for the best work in the various classes.

OFFICERS

President, ARTHUR F. PAYNE; Vice-President, EDWARD G. ANDERSON; Secretary, MAY G. MARSH; Treasurer, CLARENCE SIMPSON; Curator, ADELAIDE MICKEL.

THE HISTORICAL SOCIETY

The Historical Society holds one regular meeting each quarter, and such special meetings as may be deemed advisable. Its purpose is (1) to study local history in its relation to State and National History; (2) to discuss historical topics and current events, especially those bearing on political, economical and social questions; (3) to increase the student's interest in history by means of lectures, etc.

The leading topic for study this year has been the life of Grant.

OFFICERS

President, THEODORE PLACK; Vice-President, LILY L. KEITHLEY; Secretary-Treasurer, HELENA BURGESS; Chairman Executive Committee, CHARLES T. WYCKOFF.

ENGLISH CLUB

The purpose of the English Club is to create a greater interest in English Literature. During the past year the Club has studied selected poems of Browning. A banquet is given each year.

OFFICERS

President, MARY E. HUNTER; Vice-President, JESSIE E. QUISNO; Secretary-Treasurer, WM. H. RIGHTER.

THE PEDAGOGIC CLUB

The aim of the Pedagogic Club is two-fold—professional and social. It brings together students who are intending to become teachers of the manual arts or domestic economy for the discussion of problems of teaching and for social enjoyment. The club usually meets once each month.

OFFICERS

President, MARGARET L. COWDEN; Vice-President, S. H. BLACKBURN; Secretary-Treasurer, R. O. COMP.

LITERARY SOCIETIES

The Bradley Debating Club is a purely voluntary organization, meeting every two weeks and giving opportunity for practice in debating and also in other literary forms.

On Saturday evening, March 4, a public debate was held at Eureka between Bradley and Eureka College. The question was: "Resolved, That the open shop principle should be employed in our industries." The debate was won by Bradley, supporting the affirmative. Her representatives were: Bruce E. Dwinell, James R. Saylor, Algie R. Shreffler.

On Friday evening, February 24, the same question was debated by the Bradley Academy against the Peoria High School. Bradley supported the negative and won. The Bradley debaters were: Ray S. Fox, Hugh Macdonald, Hazel L. Sarsfield.

The officers of the Bradley Debating Club are:

President, EDWIN E. ANDERSON; Vice-President, IRENE FATHMAN; Secretary-Treasurer, ELIZABETH G. KING; Critics, EDWIN F. GEORGE, CATHERINE COMFORT.

THE TECH

THE TECH is a monthly paper conducted under the auspices of the Council. The editor-in-chief and business manager, associate editor and assistant business manager are elected from the student body by the Council.

STAFF FOR 1910-1911

Editor-in-Chief, J. M. GOSS; Associate Editor, THEODORE PLACK; Business Manager, WM. C. GIESSLER; Assistant Business Manager, CHARLES MULFORD; Social Editor, MARGUERITE RICHMOND; Horological, DWIGHT MORGAN; Athletic Editor, LESLIE LORD; Staff Photographer, U. R. SEWREY; Alumni, VIVIAN BONIFACE; Local, HELENA BURGESS, LILY KEITHLEY, ROBERT MOORE, J. S. PFEIFFER.

THE POLYSCOPE

THE POLYSCOPE is the annual publication of the students. Like THE TECH it is under the control of the Council. The issue for 1910-11 contains a history of the school for the present year, records of athletic teams, work of school organizations, and the like. The staff is as follows:

Editor-in-Chief, HELEN M. NIXON; Business Manager, WM. H. RICHTER; Assistant Business Manager, ALGIE R. SHREFFLER; Literary, ELIZABETH KING; Locals, ADELINA DE LENT; Athletics, EARL BAUMGARNER; Calendar, LILY KEITHLEY; Horological, OTIS MARTIN; Seniors, JEAN LOVE; Organizations, LORING T. BUNN; Art, ELIZABETH COCKLE; Dramatics, LESLIE LORD.

MUSICAL ORGANIZATIONS

The Chorus gives training in singing and in the interpretation of the best music. The work is voluntary. Membership is open to students and friends of the Institute. The Chorus numbers about fifty voices.

OFFICERS

Director, CHARLES T. WYCKOFF; Chairman Executive Committee, THEODORE PLACK; Pianist, HELENA BURGESS.

The Bradley Symphony Orchestra is under the direction of Mr. Harold Plowe. Membership is open not only to students, but to all who are interested in musical culture. The orchestra has a membership of forty.

The Chorus and Orchestra gave a concert at Bradley Hall, March 24.

THE CHRISTIAN ASSOCIATIONS

The Young Men's Christian Association was organized in 1902, and the Young Women's in 1904. Both organizations prove important aids in promoting the best interests of the school. The officers are:

Y. M. C. A.—President, RAY FOX; Vice-President, RAY COMP; Secretary-Treasurer, FRANK BARKDOLL.

Y. W. C. A.—President, MARY HUNTER; Vice-President, HAZEL SMITH; Treasurer, HAZEL BULLOCK; Secretary, ELAINE JACK.

OFFICERS OF THE ALUMNI ASSOCIATION

President, GEORGE R. MACCLYMENT '01; Vice-President, LAURA E. GEACH '08; Secretary, META BECKER '10; Treasurer, FLOYD E. SANFORD '10.

THE THIRTEENTH CONVOCATION

The thirteenth convocation was held in Bradley Hall, Friday evening, June seventeenth. The invocation was offered by the Reverend B. G. Carpenter. President A. B. Storms of Ames, Iowa, gave the address, "An Ethical By-product of Higher Education."

The DIPLOMA OF THE INSTITUTE was conferred upon the following graduates:

IN THE SCIENCE GROUP—Charles A. Atwood, Allen W. Heyle, G. Gordon Kellar, Grace E. Lee, Floyd E. Sanford, Sanchen G. Strehlow, Carl A. Traeger, Harold W. Wagner, Grace E. Wead.

IN THE ENGINEERING GROUP—Roy P. Carson, Glenn M. Ebaugh, Frank E. Gooding, George L. Greves, Harry J. Klotz, John P. Minton, Benjamin S. Pfeiffer.

IN THE CLASSICS GROUP—Meta Becker.

IN THE LITERATURE GROUP—Susanne J. Botto, Ruth L. Cooper, Geisert A. Howard, Elva Kammann, Cleda M. Keas, Amy Keithley, Myra H. King, Hattie J. Mallng, Medora Myers, Marguerite Richmond, Margaret L. Russell, Florence L. Schwartz.

The graduates from these groups were given respectively the Degree of Associate in Science, Associate in Arts and Associate in Literature.

THE TEACHERS' CERTIFICATE was conferred upon the following who had completed the required work:

IN MANUAL TRAINING—C. Walter Arlitt, William A. Burk, Josephine J. Cantieny, Harley L. Clarke, Lewis W. Cruikshank, Nellie P. Jacobson, Clarence H. Lander, Lynn D. Rockwell, John M. Schick, Helen L. Schwartz.

IN DOMESTIC ECONOMY—Olga C. Belsley, Anna L. Cation, Bess M. Coleman, Erma Donathen, Eleanor I. Dusten, Luella K. Fauble, Myrtle M. Leining, Mary E. Porter, Ruth E. Potter, Ivah M. Rhyan, Frieda H. Scherling, Geneva M. Schneider, Ina C. Sengenberger, Ruth R. Sherwood, Sanchen G. Strehlow, Fern Stonier, Ethel M. Summers.

The University of Chicago Scholarships were won by Harry J. Klotz and Meta Becker; alternates, John P. Minton and Charles A. Atwood.

The ACADEMIC CERTIFICATE was conferred upon the following students:

IN THE SCIENCE GROUP—Elizabeth M. Bavington, Eduard H. Von Biedenfelf, Howard A. Campbell, Robert L. Droll, Frances H. Goss, Paul E. Herschel, Mabel C. McDonald, Mildred J. Parker.

IN THE ENGINEERING GROUP—Theodore J. Franzen, Harris J. Harman, Harry T. McDonald,* Theodore Plack, Harry H. Strauch.

IN THE LITERATURE GROUP—Olga C. Belsley,* Florence E. Buchanan, Marie D. Donley, John M. Goss, Webster F. Hawkins, Bernice Heyle*, Mary E. Hunter, Meta M. Kammann, Lily L. Keithley, Eda I. Lucas, Lucille E. Maple, Jean Nicol, Helen M. Nixon, Helen L. Paul, Veffie P. Shemel, Helen F. Wright.

IN THE CLASSICS GROUP—Helena Burgess.

The Institute Scholarships were won by Helena Burgess and Mary E. Hunter; Alternates, Mildred J. Parker and Meta M. Kammann.

IN THE HOROLOGICAL DEPARTMENT the diploma for completion of the course in Watchwork was conferred upon Puzant T. Arpee, Isaac Cartmell, Richard Cartmell, Frank Dietzel, John V. Gosnel, Robert K. Halum, Oscar W. Murphy, James O. Sloneker, Russell F. Smith.

The Diploma in Optics was conferred upon P. T. Arpee, F. G. Bedell, S. R. Biossat, H. L. Bott, J. A. Brooks, W. L. Carr, D. C. Chase, C. A. Durst, R. W. Edwards, C. J. Farthing, G. L. Frank, J. H. Gilmore, C. H. Guider, Ernest Hadley, F. G. Hall, E. W. Harting, J. W. Iseman, L. D. Jarvis, J. T. Johnson, Mrs. Minnie Johnson, K. E. Lang, M. L. Lockwood, O. B. Melia, R. W. Meyers, J. L. Nash, J. V. Orr, Harry Purcell, F. H. Rasmussen, W. T. Reed, J. A. Rose, Guston Scheithing, E. H. Schmidt, John Schwabrow, G. N. Stark, D. C. Stienne, E. B. Taber, George R. Troth, W. A. Trotter, H. W. Warrington, A. T. Westlake, Jr., John Yarbrough, Oscar Ziegler.

FOUNDER'S DAY

The fourteenth annual observance of Founder's Day was held Saturday, October 8. The invocation was offered by the Reverend W. F. Turner and the address was given by Miss Myra Reynolds of the University of Chicago.

LECTURE COURSE, 1910-1911

ALBERT W. JAMISON: November 18
"Flying Machines."

CHARLES T. WYCKOFF: December 2
"The Origin and Development of Passion Plays and Passion Music."

PROFESSOR J. PAUL GOODE, Ph. D., of the University of Chicago:

Six Lectures on "Our Natural Resources; Their Economic Significance," Friday evenings, January 6 to March 17.

ATHLETIC BENEFIT

Under the auspices of the Athletic Board "Christopher, Jr." was presented at the Majestic Theatre, March 17, 1911. Mrs. E. C. Burroughs superintended the presentation of the play. Earl R. Baumgarner and Walter C. Birge acted as business managers. The following students composed the cast: H. R. Armstrong, Harriet Block, Irene Fathman, Theodore Franzen, W. C. Giessler, Leslie Lord, Lucille Maple, Fred Maurer, Harold McCullough, Roger Schenck, Donald Smith, Bertha Sucher.

GRADUATES OF BRADLEY POLYTECHNIC INSTITUTE

1898

UNLAND, CORINNE C. (MRS. JAMES H. ANDERSON), 2 Oakdale Terrace,
Louisville, Ky.
Literature; University of Chicago, 1898-1900.

1899

ANDERSON, JAMES H., 2 Oakdale Terrace, Louisville, Ky.
Science; Winner University of Chicago Scholarship; University of Chicago,
1899; Chemist, American Cotton Oil Co., 1900-9; Chemical Engineer, Louisville, Ky.,
1909—.

LYON, CHARLES H., 7744 Stone Ave., Seattle, Wash.
Classics; Winner University of Chicago Scholarship; Student in Mechanical
Engineering, Y. M. C. A. School, Peoria, 1904-5; City Electrician, Peoria, 1905-9;
City Electrician, Seattle, Wash., 1909—.

1900

CROFOOT, MARGUERITE (MRS. C. C. LEFFINGWELL), Prospect Ave.,
Hackensack, N. J.
Classics; Winner University of Chicago Scholarship; University of Chicago,
1900-2; A. B., *ibid.*, 1902, Honorable Mention; Teacher, Peoria Schools, 1902-3;
Assistant in Greek and Latin, Bradley Institute, 1903-6.

LEFFINGWELL, CLARENCE C., 381 Fourth Ave., New York.
Literature; University of Chicago, 1901-2, Ph. B., *ibid.*, 1902; Assistant in
Greek and Latin, Bradley Institute, 1901-3; Private Tutor, 1903-4; with P. F. Col-
lier & Son, Publishers, New York City, 1904-11; with George Batton Co., Advertis-
ing Agents, 1911—.

DEXTER, JOHN R., Ardmore, Okla.
Literature; University of Chicago, 1900-2; Ph. B., *ibid.*, 1902; President India-
homa Trust Co., Ardmore, Okla.

HOOD, FLORENCE (MRS. H. M. SOLENBERGER), 833 S. Grand Blvd., Springfield.
Classics; Winner University of Chicago Scholarship; University of Chicago,
1900-2; A. B., *ibid.*, 1902; Registrar, Chicago Bureau of Charities, 1903-4.

*NELSON, CARL G.,
Classics; Augustana College, Rock Island, 1900, 1902-3; B. D. and M. A., *ibid.*,
1903; University of Chicago, 1901-2; called to a church in Manson, Ia.

PAGE, ROY, 211 S. Adams St., Peoria.
Science; Cornell University, 1900-1; Business, Chicago, 1902-6; engaged in fruit
culture, San Cristobal, Cuba, 1905-8; with Brown, Page & Hillman, Peoria, 1908-10;
Putnam-Page Co., Peoria, 1910—.

PARKER, MARGUERITE (MRS. FRANK L. HINMAN), Tremont.
Science; University of Chicago, 1900-2, B. S., 1902; Teacher in Peoria Schools,
1902-4.

RICE, MARY VIRGINIA, 1658 Humboldt St., Denver, Colo.
Literature; University of Michigan, 1900-2, A. B., *ibid.*, 1902; Teacher, Peoria
Schools, 1903-6; Student University of Chicago, Summer 1906; Rock Island High
School, 1906-8; Denver Manual Training High School, 1908—.

SANNER, LAURA E. (MRS. ROBERT PARKER), Sterling, Colo.
Literature; Teacher, Wyoming, Ill., Schools, 1900-2.

SMITH, RALPH H., Lancaster, Ohio.
Classics; University of Chicago, 1900-3, A. B., *ibid.*, 1902; Starling Medical
College, 1903-5, M. D., *ibid.*, 1905; Interne, St. Francis Hospital, Columbus, 1905-6;
Physician, Lorain, Ohio, 1906-9; Lancaster, Ohio, 1909—. Married (January, 1909)
to Theo. M. Vickery.

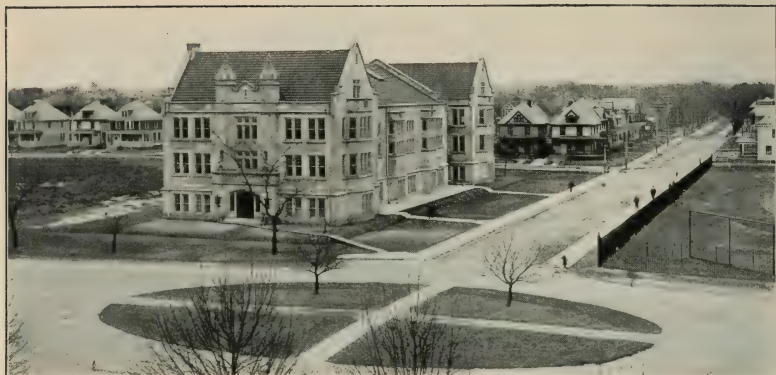
WARBEKE, JOHN M., Williamstown, Mass.
Classics; Princeton University, 1901-3, A. B., *ibid.*, 1903; Student of Philosophy,
University of Leipzig, and travel in Europe, 1903-6, Ph. D., *ibid.*, 1906; Instructor
in German, Williams College, 1906-9; Instructor in Philosophy, *ibid.*, 1909—.
Married (July, 1908,) to Norah McCarter.



WOODWORKING ROOM



MACHINE SHOP



THE GYMNASIUM



MECHANICAL DRAWING

1901

- BRUBAKER, HAROLD C., 6542 Ellis Ave., Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1901-3, A. B., *ibid.*, 1903; Western Electric Co., Chicago, 1903-7; *ibid.*, Chicago, 1906-7; Goodman Manufacturing Co., Chicago, 1907—.
- FULLER, WALTER, Clinton, Iowa.
Science; University of Chicago, 1901, S. B., *ibid.*, 1904; Student Laboratory-Inspector, *ibid.*, 1901-4; Chemist, Kennicott Water Softener Co., Chicago, 1905-6; Chemist, Glucose Sugar Refining Co., Pekin, 1906; U. S. Gypsum Co., Chicago, 1907-8; Clinton Sugar Refining Co., 1908—.
- GEIGER, MABEL L., 1120 Perry Ave., Peoria.
Classics; University of Illinois, 1901-2; B. L. S., *ibid.*, 1903; Student, Summer School, Bradley Institute, 1908; Teacher, Peoria Schools, 1903—.
- KELLY, MILDRED (MRS. WM. J. ANICKER), 110 S. Seventh St., Muskogee, Okla.
Literature; Mt. Holyoke, 1902-3.
- MACCLYMENT, GEORGE R., 419 Observatory Bldg., Peoria.
Science; University of Chicago, 1901-3; Assistant Cashier of Bank, Scott, Wrigley & Hammond, Wyoming, 1903-7; Assistant Manager Lydia Bradley Estate, 1907—.
- OLMSTEAD, MAUD C. (MRS. E. V. LAWRENCE), 273 Rodgers Ave., Bellevue, Pa.
Science; Assistant in Sewing, Bradley Institute, 1901-5; Social Settlement Work in Cooking, Pittsburg, 1909—.
- PORTER, ALBERT L., Brookfield.
Science; Student in Correspondence Course in Architecture, Chicago, 1901; Mechanical Draftsman, Chicago; Designer Water Softening Machinery, 1904-5; Engineering Department, Fairbanks-Morse Co., Chicago, 1906-11; Chief Draftsman, *ibid.*, 1911—.
- SWANSON, E. ADELIA, 406 N. College St., Rochester, Minn.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1901-2, Ph. B., Honorable Mention, *ibid.*, 1902; Teacher of German and English, High School, Indianola, Iowa, 1902-3; Teacher of German, High School, Owatonna, Minn., 1903-7; Teacher of German and Principal of High School, Manning, Ia., 1907-8; Teacher of German, High School, Rochester, Minn., 1908—.
- TRACY, ANNIE C., 313 Callender Ave., Peoria.
Literature; Teacher Peoria Schools, 1901—.
- WEIRICK, ELIZABETH S., Bradford, Mass.
Literature; University of Chicago, 1901-3, B. S., *ibid.*, 1903; Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y., 1903-7; Instructor in Science, Ferry Hall, Lake Forest, Ill., 1907-9; Instructor in Chemistry, Bradford Academy, Bradford, Mass., 1909-10; Instructor in Chemistry, Pratt Institute, 1910—.

1902

- BENNETT, FRANK W., 214 N. Glen Oak Ave., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; A. B., *ibid.*, 1903, Honorable Mention; Instructor in English and German, Rose Polytechnic Institute, Terre Haute, 1904-9; travel in Europe, Summer, 1909; Head of Department of English and Instructor in Latin, Manual Training High School, Peoria, 1909—.
- BRUBAKER, WILLIAM C., 6542 Ellis Ave., Chicago.
Science; Armour Institute of Technology, 1902-6, B. S., *ibid.*, 1906, White Scholarship, 1905; Member of Tau Beta Pi (honorary fraternity); Foreman Templett Dept. Pullman Co., Chicago, 1906—. To receive M. E., Armour Institute, June, 1911.
- HANCOCK, TRACY M., Lacon.
Science; Business in Lacon, 1902—.
- KELLOGG, ANNE A., 1017 State St., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; Ph. B., *ibid.*, 1903; Honorable Mention; Graduate Student, University of Chicago, Summer, 1905; Teacher of English and German, High School, Marquette, Mich., 1903-5; Teacher of German and English, High School, Peoria, 1905-8; Student, University of Berlin, 1908-9; Head of German Department, Manual Training High School, Peoria, 1909—.
- KIRTLEY, LUTHER L., 123 S. 5th E. St., Salt Lake, Utah.
Science; Marietta College, 1900-01; University of Chicago, 1902-3; B. Sc., *ibid.*, 1903; Engineer, Eveleth, Minn., 1903-5; University of Chicago, Winter and Spring, 1905; University of Wisconsin, 1905-6; School of Mines, Columbia University, 1906-8; E. M., *ibid.*, 1908; with U. S. Smelting, Refining & Mining Co., Eureka, Utah, 1908-10; Assayer, Utah Copper Co. (Magna Plant), Garfield, Utah, 1910—.

MERRELL, MORTON W., 2022 Sherman Ave., Evanston.
Classics; Northwestern University, 1902-4; A. B., *ibid.*, 1904; Garrett Institute, 1904-8; B. D., *ibid.*, 1908; Pastor M. E. Church, Sheffield, Ill., 1906-10; Asst. Pastor, First Presbyterian Church, Evanston, Ill., 1910—. Married (May, 1908,) to Marie E. Fehrman.

SWEETSER, IRVING J., 1421 15th Ave., Seattle, Wash.
Classics; with Phil Sheridan Mining Co., Washington, 1902-4; Standard Oil Co., Peoria, 1905-7; Montana St. Mill Co., Seattle, Wash., 1907—.

THOMAS, GEORGE EARL, 608 Wisconsin Ave., Peoria.
Classics; Business, Peoria, 1902—.

WELLS, EDGAR B., 1207 Chambers Ave., Peoria.
Science; University of Chicago, 1902-4; Ph. B., *ibid.*, 1904; Principal of High School, Delavan, 1905-6; Teacher of Science, Township High School, Pontiac, 1906-7; State Teacher's Certificate for Illinois, 1906; Supt. of Schools, Thomson, Ill., 1907-9; ! Instructor in Chemistry and Biology, Peoria High School, 1909—.

1903

BALLANCE, WILLIS H., 256 Randolph Ave., Peoria.
Science; Cornell University, 1903-6; *ibid.*, 1906; with Weston Mott Co., Flint, Mich., 1906-8; with U. S. Brewing Co., Chicago, 1908-9; with Gipps Brewing Co., Peoria, 1909—.

BELL, MARCIA (MRS. THOS. R. BLAIR), 323 Perry Ave., Peoria.
Literature.

BOURLAND, JULIA P. (MRS. ARTHUR CLARK), 620 N. Elizabeth St., Peoria.
Literature; Smith College, 1903-5; A. B., *ibid.*, 1905; Instructor in Biology, Bradley Institute, 1905-6.

BROWN, DELOSS S., 99 Barker Ave., Peoria.
Mechanic Arts; Business, (Brown, Page & Hillman), 1903-11; Real Estate, 1911—.

CALVERT, MAUDE (MRS. OMER FOISIE), Seattle, Wash.
Literature; University of Chicago, 1903-4; Ph. B., *ibid.*, 1904; Teacher, Peoria Schools, 1904-5; Teacher of French, High School, Seattle, 1905-9.

COWELL, MARK W., 321 Crescent Ave., Peoria.
Science; University of Michigan, 1903-6; A. B., *ibid.*, 1906; with Avery Co., Peoria, 1906-10; with B. Cowell, Peoria, 1910—.

CUTRIGHT, SIDNEY B., 1401 N. Perry Ave., Peoria.
Classics; Manager for Cutright & Russell, Peoria, 1903—. Also special agent for Federal Life Ins. Co. (Married (1911) Beatrice Jenkins.

DURLEY, ELIZABETH R. (MRS. WALTER A. BOYLE), McNabb, Ill.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1903-4; Teacher, Des Moines, Iowa, 1905-8; Ph. B., University of Chicago, 1908; Teacher, English and History, High School, Des Moines, Iowa, 1908-10.

DURHAM, MARGARET L., 306 N. Glen Oak Ave., Peoria.
Literature; Teacher Peoria Schools, 1904—.

FAVILLE, MILDRED, Appleton, Wis.
Literature; University of Chicago, 1903-5; Ph. B., *ibid.*, 1905; Teacher, Peoria Schools, 1905-8; Teacher of Music in Public Schools and in Lawrence Conservatory of Music, Appleton, Wis., 1908—.

GRABER, LOTTIE A. (MRS. W. J. WULSTEIN), Glenville, Neb.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1903-5; A. B., *ibid.*, 1905; Teacher, High School, Knoxville, 1905-7.

HARPER, MARY J. (MRS. HENRY H. LANE), Norman, Okla.
Science; University of Chicago, Summer, 1901, 1904-5; B. S., *ibid.*, 1905; Scholarship in Zoology, *ibid.*, Assistant in Science, Bradley Institute, 1903-4; Teacher, Peoria Schools, 1905.

JOBST, NETTIE (MRS. JOHN H. FRANKE), 511 N. Madison Ave., Peoria.
Science; Travel in Europe, Summers, 1905, 1906, 1908.

JOSEPH, DON R., Rockefeller Institute for Medical Research, N. Y.
Science; Holder of Special Scholarship, University of Chicago; University of Chicago, 1903-4; B. S., *ibid.*, 1904, Honorable Mention; Brainard Medal in Anatomy, *ibid.*, 1904; St. Louis University, 1904-7; M. S., *ibid.*, 1906; M. D., *ibid.*, 1907; Assistant in Physiology, Medical Department, *ibid.*, 1904-7; Professor of Physiology,

St. Louis Dental College, 1906-7; Publications, "Effects of Intravenous Injection of Pork Bone Marrow on the Blood-pressure," American Journal of Physiology; "The Influence of Organ Extracts of Cold-blooded Animals on the Blood-pressure;" Journal of Physiology, London, Journal of Experimental Medicine; "The Influence of Vagus Stimulation upon the Development of Rigor in the Heart;" "The Relation of the Heart-weight to the body weight in Animals." The Comparative Toxicity of the Chlorides of Magnesium, Calcium, Potassium and Sodium, and numerous other articles in Scientific Journals, Member of N. Y. Society for Experimental Biology and Medicine, American Physiological Society, and American Society for Pharmacology and Therapeutics.

Research Fellowship, Rockefeller Institute for Medical Research, New York City, 1907-8; Assistant, *ibid.*, 1908-10; Associate, *ibid.*, 1910—. Married (December, 1905,) to Lura I. Licklider.

PINGER, GEORGE C., 239 Spring St., Youngstown, Ohio.

Engineering; Cornell University, 1903-5; M. E., *ibid.*, 1905; Junior Member American Society of Mechanical Engineers; Draftsman, Snow Steam Pump Co., Buffalo, N. Y., 1905-6; Struthers Well Co., Warren, Pa., 1906; Wm. Todd Co., Youngstown, O., 1906-10; Republic Iron and Steel Co., Youngstown, Ohio, 1910—.

RICE, MONTGOMERY G., Libby, Mont.

Literature; University of Michigan, 1903-6; LL. B., *ibid.*, 1906; Admitted to Bar, Michigan and Illinois, 1906; Lawyer, Peoria, Ill., 1906-9; Admitted to the Bar, Montana, 1909; Deputy County Attorney, Lincoln Co., 1909-10; City Attorney, Libby, Mont., 1909—.

RIDER, GEORGIA (MRS. GRANT M. MILES), 531 Moss Ave., Peoria

Literature; Teacher, Tremont, Ill., 1904; Havana, Ill., 1906-8; Student, University of Chicago, Summer, 1907.

SCHIMPF, OSCAR J., 502 N. Monroe St., Peoria.

Engineering; Assistant City Electrician, Peoria, 1903-5; Chief Engineer and Electrician, Buckeye Powder Co., Edwards, Ill., 1905; with Mills Electric Co., 1906-7; Manager Electric Department for Wheelock & Co., 1907-8; with U. S. Steel Corporation, Gary, Ind., 1908-9; with Western Powder Co., Peoria, 1909—.

SCULLIN, BERTHA M., 805 St. James St., Peoria.

Classics; Winner University of Chicago Scholarship; Assistant in Sewing, Bradley Institute, 1903-5; University of Chicago, Summer, 1904, 1905-6; A. B., *ibid.*, 1906; Graduate Student, University of Chicago, Summer, 1909-10; Instructor in Domestic Science, Bradley Institute, 1906—.

SCHUREMAN, MARY O. (MRS. GEO. F. IMIG), 1223 N. 6th St., Sheboygan, Wis.

Literature; Smith College, 1904-6; A. B., *ibid.*, 1906.

SEATON, EDITH M., 412 N. Glendale, Peoria.

Classics; Teacher, Peoria Schools, 1903—.

STOCK, EDWARD F., 1000 Sanford St., Peoria.

Science; Local Freight Office T. P. & W. R. R., 1903-6; Freight Accountant, *ibid.*, 1906-9; Chief Clerk, Freight Accounts, *ibid.*, 1909—.

STOWELL, LAURA A. (MRS. A. J. BOOKMYER), R. F. D. No. 1, Renton, Wash.

Science; Teacher, Domestic Economy, High School, Calumet, 1903-7; Everett, Wash., 1907-8.

SUMMERS, LILLIAN M. (MRS. JOHN B. TANSIL), 1017 Willet Ave., Memphis, Tenn.

Classics; Northwestern University, 1903-4; Vanderbilt University, 1904-5; A. B., Northwestern University, 1905; Teacher, Peoria Schools, 1905-8.

TJADEN, HERTHA M., 205 S. Underhill St., Peoria.

Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Domestic Science, Peoria Schools, 1906-7; Director of Domestic Science, Y. W. C. A., Rockford, Ill., 1907; Teacher, Public Schools, Peoria, 1908-9; Teacher of Domestic Economy, Peoria High School, 1909—.

WEST, VICTOR J., 1017 Grove St., Evanston.

Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; Instructor in English, Bradley Institute, 1905-6; Secretary, Briggs Real Estate Co., Los Angeles, Cal., 1906-8; Fellow in Political Science, University of Chicago, 1908; Assistant in Political Science, *ibid.*, Spring, 1910; Head of Snell House, *ibid.*, 1909-10; Instructor in Politics, Northwestern University, 1910—.

1904

BELSLEY, RAY J., 1405 N. Jefferson Ave., Peoria.

Engineering; Business, Peoria, 1904—.

BENTON, CHARLES K., Hood River, Ore.

Science; Dartmouth College, 1904-6; B. S., *ibid.*, 1906; Honorable Mention in Economics; Phi Beta Kappa; Business, Peoria, 1906-8; Fruit Ranch, Hood River, Ore., 1908—. Married (February, 1909,) to Edna Burton.

- BRUNINGA, JOHN H., Pierce Bldg., St. Louis, Mo.
Engineering; Laboratory, Bureau of Standards, Washington, D. C., 1904-5; Draftsman, U. S. Navy Yard, 1905; Examiner, U. S. Patent Office, 1905-9; Student in Electrical Engineering, George Washington University, 1904-5; in Law College, *ibid.*, 1905-8; LL. B., *ibid.*, 1908; Admitted to Bar, 1908; Associate Member American Institute of Electrical Engineers; Counsellor in Patent Cases, 1909—. Married (September, 1904,) to Mary Amos.
- CUTRIGHT, LOIS I., 149 Maplewood Ave., Peoria.
Literature; Teacher, 1904-6; University of Chicago, 1906-7; Ph. B., *ibid.*, 1907; Teacher, High School, Salina, Kan., 1907-9; Teacher, Peoria High School, 1909—.
- ELSBREE, FLORENCE A. (MRS. J. O. CHAMBERS), Pierson.
Classics; University of Chicago, 1904; Shurtleff College, 1904-5; A. B., *ibid.*, 1905; Head of Language Department, Greer College, 1905-6; Special Teacher at Harrison School, Peoria, 1906-7.
- EVANS, ROLLA Q., 1030 17th St., N. W., Washington, D. C.
Science; Harvard University, 1904-6; Architectural Draftsman with Carrere & Hastings, of New York City, 1906-8; with Supervising Architect, U. S. Treasury, 1908—.
- GORSLINE, WM. W., 1603 N. Glendale Ave., Peoria.
Science; University of Chicago, Summer, 1904; Graduate Student, Bradley Institute, 1904-5; University of Chicago, Summer and Fall, 1905; Summer, 1907-9. B. S., *ibid.*, 1907; Instructor in Mathematics, High School, Goshen, Ind., 1905-7; Instructor in Mathematics, High School, Burlington, Iowa, 1907-9; Instructor in Mathematics, Manual Training High School, Peoria, 1909—. Married (December, 1907,) to Minnie Flick.
- GRIGSBY, HARRY D., 518 Monroe St., Topeka, Kan.
Science; University of Illinois, 1904-6. B. S., *ibid.*, 1906; Assistant City Engineer, Santa Anna, Cal., 1906-7; Chemist, C. R. I. & P. R. R., 1907—.
- HECKMAN, LILLIAN S. (MRS. R. W. POOL), 1429 38th Ave., Seattle, Wash.
Science; University of Chicago, 1904-6; S. B., *ibid.*, 1906.
- HELMBOLD, IDA J., 711 North St., Peoria.
Classics; Teacher, Peoria Schools, 1904—.
- MAYER, SIMON, 2822 S. Washington St., Peoria.
Classics; University of Chicago, 1904-5; A. B., *ibid.*, 1905; Engineering Department, C. & N. W. R. R., Pierre, S. D., 1905-7; Instructor Manual Training, Indianapolis, Ind., 1907-9.
- MILLER, CHARLES W., 801 First Ave., Peoria.
Literature; University of Michigan (Department of Medicine and Surgery), 1904-8; A. B., *ibid.*, 1906; M. D., *ibid.*, 1908; Interne at Allegheny General Hospital, Pittsburg, Pa., 1908-9; Interne at St. Francis Hospital, Pittsburg, Pa., January to September, 1909; Practicing Physician, Peoria, 1909—. Married (December, 1909,) to Jennie Stewart Brown.
- MORGAN, HARRY D., 500 Old Y. M. C. A. Bldg., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention for Work in Senior College; Phi Beta Kappa; University of Chicago Law School, 1906-9; Member of Law Council, 1907-8; President of Senior Law Class, 1908-9; Secretary to Morton D. Hull, 46th General Assembly of Illinois, 1909; Lawyer, Peoria, Ill., 1909—.
- NEEF, FRANCIS J., Dartmouth College, Hanover, N. H.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; University of Lausanne and Travel in Europe, 1905-6; University of Berlin, Summer Semester, 1906; University of Berlin, Winter Semester, 1906-7; University of Leipzig, Summer Semester, 1907; Graduate Student, University of Chicago, 1907-8; Fellow in German, *ibid.*, 1907-8; Instructor in German, Brown University, 1908-9; Instructor in German, Dartmouth College, 1909—.
- OLMSTEAD, RALPH W., 5339 Indiana St., Austin.
Science; with Bartlett, Frazier & Carrington, Chicago, 1900-8; with Jas. A. Patten, Chicago, 1908—. Married to Jannette F. Patteson of Peoria.
- PAUL, JOSEPH W., Watseka.
Engineering; Assistant in Manual Training, Rockford Schools, 1904-7; Instructor in Mechanical Drawing, Y. M. C. A. Night School, 1905-6; Graduate Student, Manual Training, Bradley Institute, 1907-8; Instructor in Manual Training, Wells School, Watseka, 1908—. Married (May 13, 1909,) to Jessie M. Colby.
- RITCHIE, VONNA V. (MRS. DELOSS S. BROWN), 99 Barker Ave., Peoria.
Science; James Milliken School of Music, Decatur, Ill., 1904-5.

ROCKWELL, IVA F., (MRS. GEO. E. McMURRAY), 414 Barker Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention, Member University Council; Assistant, Ancient Languages, Bradley Institute, 1906-8.

ROGERS, LULU E. (MRS. OTTO W. BOERS), 3220 Curtis St., Denver, Colo.
Science; Teacher, Peoria Schools, 1905.

SPECK, CHARLES H., 117 Broadway, Peoria.
Engineering; Business, Peoria, 1904-6; University of Chicago Law School, 1906-9; Ph. B., *ibid.*, 1909; Lawyer, Peoria, 1909—.

STEMM, JOSEPHINE A., 514 St. James St., Peoria.
Literature; Teacher, Peoria Schools, 1904—.

VANCE, MYRA L., 172 Institute Place, Peoria.
Literature; Teacher, Peoria Schools, 1907—.

WILSON, EDNA L., Magnolia.
Literature; Teacher, Oak Park, Ill., 1905-9.

1905

ARMSTRONG, JOHN E., 2236 E. 68th St., Cleveland, Ohio.
Engineering; Cornell University, 1905-8; C. E. *ibid.*, 1908; with Cleveland and Pittsburg Division of the Pennsylvania Lines West of Pittsburg, 1908—. Married (December, 1908,) to Jane Drake Wilson.

BARTLEY, JOSEPH F., 229 Columbia Terrace, Peoria.
Literature; Law Department, University of Michigan, 1906; LL. B., *ibid.*, 1908; Lawyer, Peoria, 1908—.

BECHT, FRANK C., 1423 E. 62nd St., Chicago.
Literature and Science; Winner University of Chicago Scholarship; University of Chicago, 1905-6; S. B., *ibid.*, 1906; Fellowship in Physiology, *ibid.*, 1906-7; Assistant in Physiology, *ibid.*, 1907-9; Ph. D., *ibid.*, 1909; Associate in Journal of Physiology, *ibid.*, 1910; Professor of Physiology, University of Illinois, 1910—; Member of Sigma Xi; Publications American Journal of Physiology, "The Relation Between the Blood Supply to the Submaxillary Gland and the Character of the Chorda and the Sympathetic Saliva;" "Mechanism by Which Water Is Eliminated in the Active Salivary Glands;" "The Effect of Heat Upon Animal Tissue with Special Reference to Nerves;" several other Articles in Scientific Journals. Married (September, 1908,) to Ruby Cumming.

BOURLAND, FREDERICK B., Perris, Calif.
Engineering, Printing Business, 1905; Engineering Department, Briggs Real Estate Co., Los Angeles, Cal., 1906-7; Printing Business, Peoria, 1907-9; Superintendent of Ranch, Parma, Colo., 1909-11; Superintendent of Ranch, Perris, Cal., 1911—.

BRISLEY, MABEL L., Springfield, Neb.
Literature; Normal Training Class, Peoria, 1905-6; Teacher, Peoria High School, 1906-9; Student, University of Chicago, 1909-10; Ph. B., *ibid.*, 1910.

CATION, JENNIE G., 605 Bradley Ave., Peoria.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Assistant in Domestic Economy, Lincoln Center, Chicago, October, 1906, to January, 1907; Manager's Assistant at the Home Delicacies Association, Chicago, January, 1907; Teacher, Home Economics, Loring School and Kenwood Institute, Chicago, 1907-8; Teacher of Domestic Science, Rockford Public Schools, 1908-9; Supervisor of Domestic Science, *ibid.*, 1909—.

COOPER, MARILLA E., 415 Barker Ave., Peoria.
Literature; Oberlin College, 1905-7; *ibid.*, A. B., 1907; Teacher, High School, Wyoming, Ill., 1907-8; Teacher, Peoria High School, 1908—.

COPEs, KATHERINE, Havana.
Science; Teacher in Tazewell County Schools, 1905-6; Teacher, Delavan, 1906-8; Teacher of History, High School, Havana, Ill., 1908—.

CUTRIGHT, FLORENCE A., 149 Maplewood Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1905-6; A. B., *ibid.*, 1906; Honorable Mention, *ibid.*; Teacher of Latin and English, Public Schools, Louisiana, Mo., 1907-8; Principal High School, Fairfield, 1908-9; Teacher, Eureka College, Eureka, Ill., 1909-10; Teacher, Peoria Schools, 1910—.

DICKSON, VICTOR H., 1411 Knoxville Ave., Peoria.
Engineering; Massachusetts Institute of Technology, 1905-7; B. Sc., *ibid.*, 1907; with Dickson & Co., Peoria, 1907-8; with H. G. MacClellan & Co., Chicago, 1908-9; with Bartholomew Co., Peoria, 1909; with Wm. R. Jones Plumbing Co., Peoria, 1909; with Powers Regulator Co., Chicago, Ill., 1910-11.

- EDWARDS, NETA G., 5528 Monroe Ave., Chicago.
Literature; University of Chicago, 1905-7; Ph. B., *ibid.*, 1907; Teacher, High School, Watseka, Ill., 1907-8; Principal of High School, Bremen, Ind., 1909-10.
- HALE, VERA H., 6501 Kimbark Ave., Chicago.
Classics; Teacher, Mapleton, 1905-6; University of Chicago, Summer, 1906, 1908-9; A. B., *ibid.*, 1909; Teacher, Dolton Schools, 1906-9; Teacher, High School, Vermont, Ill., 1909-10; Principal of High School, Dallas City, Ill., 1910—.
- HEYLE, ESSIE M., 127 Elmwood Ave., Peoria.
Science; Certificate in Domestic Economy, Bradley Institute, 1906; Student, Simmons College, Boston, 1906-7; Teacher of Domestic Science, Public Schools, Kansas City, Mo., 1907-10; Student, University of Chicago, Summer, 1908-9; Student, *ibid.*, Spring and Summer, 1910; Ph. B., *ibid.*, 1910; Director, Department of Home Economics, Illinois Woman's College, Jacksonville, 1910; Supervisor of Domestic Science, Kansas City, Mo., 1911—.
- KANNE, VERONNA E., 1119 Trenton St., Los Angeles, Cal.
Literature; Teacher, Peoria Schools, 1905-6; Teacher of Domestic Science, Stimson Memorial School, Los Angeles, Cal., 1906-7; Los Angeles Public Schools, 1907—.
- KEITHLEY, GILES E., 1601 Knoxville Ave., Peoria.
Science; Lake Forest College, 1905-7; A. B., *ibid.*, 1907; with Clark-Smith Hardware Co., Peoria, 1907-9; Student, University of Illinois (Law School) 1909—.
- LARGEREN, GUSTAF P., Morgan Park.
Literature; Draftsman, Illinois Steel Bridge Co., Jacksonville, 1905-6; University of Chicago, 1906; Draftsman, Lyon & Healy, Chicago, April to October, 1907; Senior College Scholarship, University of Chicago, 1907; A. B., *ibid.*, 1908; Instructor in Mathematics and Mechanical Drawing, High School, St. Cloud, Minn., 1908-10; with North Dakota Metal Culvert Co., Fargo, N. D., Summer, 1909; Summer School, Bradley Institute, 1910; with Shepley Rutan & Coolidge, Architects, Chicago, 1911—.
- LYNCH, RALPH A., 924 Glen Oak Ave., Peoria
Engineering; University of Illinois, 1905-8; A. B., *ibid.*, 1908; Chemist for Great Western Sugar Co., Eaton, Colo., 1908-9; Head Chemist, *ibid.*, 1909-11; with H. W. Lynch, Peoria, 1911—.
- OSBORNE, ISABEL M., 411 Linn St., Atlantic, Ia.
Literature; Student, Domestic Science, Bradley Institute, and University of Illinois, 1906-9; A. B., University of Illinois, 1909; Teacher, High School, Delavan, Ill., 1909—.
- STRAESSER, MABEL S. (MRS. HERBERT R. SHOAFE), 163 Glenwood Ave., Peoria
Science; Teacher, Peoria Schools, 1905-8.
- 1906
- *BUCKLEY, MIRIAM E.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Peoria Schools, 1907-10. Died, 1910.
- COLBY, HENRY H., 903 13th Ave., Moline.
Science; Machinist, Granville, 1906, and Ottawa, 1907; Die Maker, Moline, 1908; Private Chauffeur, 1909—. Married (1911) to Ida C. Miller.
- COLLINS, BERYL B., 832 Marquette Bldg., Chicago.
Science; Law Department, University of Michigan, 1906-9; LL. B., *ibid.*, 1909; Admitted to Practice in U. S. District and Circuit Courts.
- COWELL, JOSEPH G., 321 Crescent Ave., Peoria.
Science; Graduate Student, Bradley Institute, 1906-7; University of Illinois, 1907-8; Student, Museum of Fine Arts, Boston, Mass., 1908-9; Student, Art Student's League (New York City), 1909-10; Art Museum, Boston, 1910-11.
- DOUBET, MARY D., 107 Bigelow St., Peoria.
Classics; Teacher, Peoria Schools, 1906—.
- ELLIS, ELEANOR, 221 Auten St., Peoria.
Literature; Winner University of Chicago Scholarship; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Domestic Economy, Public Schools, Kansas City, Mo., 1907-9; Teacher of Domestic Economy, Public Schools, Peoria, 1909; Domestic Science and Art, Manual Training High School, Peoria, 1910—.
- FARLEY, NELLIE R., 223 Crescent Ave., Peoria.
Literature; University of Missouri, 1906-8.

- FAST, BYRON M., 926 S. 5th St., Springfield,
Science; Teacher of Manual Training, Grand Rapids, Wis., 1906-7; University of Illinois, 1907-9; B. S., (Engineering) *ibid.*, 1909; with Light, Heat & Power Co., Springfield, Ill., 1909-10; Power Engineer, Empire District Electric Co., Joplin, Mo., 1910—; Member Ameriman Inst. of Electrical Engineers.
- GREVES, GEORGE L., 1423 Glen Oak Ave., Peoria.
Science; Graduate Student in Chemistry, Bradley Institute, 1906-7; Teacher of Manual Training, Peoria Public Schools, 1907-8; Teacher of Science and Manual Training, Sleepy Eye, Minn., 1908-9; Student, Bradley Institute, Summer School, 1908-9; Student Assistant in Physics, Bradley Institute, 1909-10; Graduate in Engineering, *ibid.*, 1910; Engineering Work in Wisconsin with Byllesby & Co., of Chicago, 1910—.
- HARRIS, JOSEPH W., Seward.
Science; Graduate Student Bradley Institute, 1906-7; with Westinghouse Electric Co., Pittsburg, Pa., 1907-8; Ranch, Carbondale, Colo., 1908-9; Married Mary A. Neeley (1910).
- HELMBOLD, JESSIE T., 711 North St., Peoria.
Science; Teacher, Peoria Schools, 1906—.
- HAYES, VERA J., 227 Missouri Ave., Peoria.
Literature; Northwestern University, 1906-8; A. B., *ibid.*, 1908; Teacher, Peoria Public Schools, 1908—.
- *HEYLE, FRANKLIN T.
Engineering; University of Illinois, 1906-9; B. S. (Engineering), *ibid.*, 1909; Civil Engineer, Yawyer & Co., Indianapolis, Ind., 1909-10; with Madeira-Mamora R. R. Co. of N. Y. City, 1910. Died, 1911.
- HUNTER, EDITH A. (MRS. R. RAY KUNKLE), Mackinaw.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Carrollton, Ill., 1906-7; Teacher, Domestic Science, Peoria Public Schools, 1907-8.
- KENDALL, J. ORVILLE, 1104 5th Ave., Peoria.
Science; with Avery Co., 1906—.
- KIRKPATRICK, MADGE I., 609 N. Jefferson Ave., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Algebra and Domestic Economy, Pekin High School, Pekin, Ill., 1907-8; Student, Lake Forest College, 1908-9; Teacher of Domestic Economy, Peoria High School, 1909—.
- LUKENS, JOHN E., Box 422, Chariton, Ia.
Science; Teacher of Science, High School, Chariton, Ia., 1906; Assistant Principal, *ibid.*, 1910—; Student, University of Iowa, Summer, 1908.
- *LYDING, HARRISON A.
Science; Winner University of Chicago Scholarship; University of Chicago, 1906-8; Senior College Scholarship, *ibid.*, 1907-8; B. S., *ibid.*, 1908; Rush Medical College, 1908-10; M. D., *ibid.*, 1910; Interne at Michael Reese Hospital, Chicago, 1910-11. Died March, 1911.
- *MILLS, HELEN S. (MRS. LAURENCE THOMPSON)
Science; Student Assistant in Chemistry, Bradley Institute, 1906-7; Fabiola Hospital, Oakland, Cal., 1908-9. Died December, 1910.
- NEILL, LOUIE A., Scotia, Cal.
Engineering; Draftsman, American Hardware Co., Ottawa, 1906-7; with Gueder & Baosche, of Milwaukee, Wis., 1907-8; with Peoria Gas & Electric Co., 1908-9; with Pacific Lumber Co., Scotia, Cal., 1909—.
- PHILLIPS, IRENE L., Washburn.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Stark, Ill., 1907-8; Principal High School, Washburn, Ill., 1908—; Student, University of Chicago, Summer, 1909.
- ROCKWELL, FLOY E., Colfax.
Literature; Illinois Wesleyan University, 1907-9; A. B., *ibid.*, 1909; Assistant Principal, High School, Colfax, Ill., 1909—.
- SHEA, EDNA E., 335 Henry St., Peoria.
Literature; Teacher, Peoria Schools, 1906—.
- SIMMS, FRED S., 118 Pennsylvania Ave., Peoria.
Mechanic Arts; University of Illinois, 1906-7; Business, Peoria, 1907-8; B. S. (Engineering), University of Illinois, 1909; with Allis-Chalmers Co., Cincinnati, O., 1909-10; Head Electrician, Avery Co., Peoria, 1910—.
- TINEN, MARY E., 211 Sumner Ave., Peoria.
Literature; Teacher, Peoria Schools, 1906—.

- TOBIAS, AGNES M., 426 North St., Peoria.
Literature; Special Teacher of Drawing and Elementary Manual Training, Peoria, 1906-10; Student, Summer School, Bradley Institute, 1907-9; Chicago School of Applied Art, Summer, 1910; Assistant Supervisor of Drawing, Peoria, 1910—.
- WRIGHT, LELA M., Dallas City.
Literature; University of Chicago, 1906-8; Ph. B., *ibid.*, 1908, (Honorable Mention in German); Teacher of German, High School, Hot Springs, Ark., 1908-9; Principal High School, Tolono, Ill., 1909-10; Teacher of German and Latin, Dallas City, Ill., 1910—.

TEACHERS' CERTIFICATE.

- DAVIDSON, CHARLES R., 20 E. Forest Ave., Bellevue, Pa.
Teacher of Manual Training, Allegheny, Pa., 1906-7; Bellevue, Pa., 1907. Married (1907) Mary E. Tefft.
- GOLDSMITH, MAUD, 211 Lyon St., Grand Rapids, Mich.
Supervisor of Manual Training in Grade Schools and High School, Bloomington, Ind., 1906-8; Assistant in Manual Arts, State Normal University, Normal, 1908-9; Teacher of Manual Training, Grand Rapids, Mich., 1910—.
- MENABNEY, CHARLES, 2405 Fifth Ave. W., Seattle, Wash.
Teacher of Manual Training, Head of Manual Arts Dept., Queen Anne High School, Seattle, Wash., 1906—. Married (1909), Jennie Salisbury.
- WRIGHT, MARY ALICE, Box 172, Irvington Sta., Indianapolis, Ind.
Teacher of Manual Training, Teachers Training School, Springfield, 1906-7; Assistant Supervisor of Manual Training and Drawing, Public Schools, Bloomington, Ind., 1907-8; Manual Training in District Schools, Indianapolis, Ind., 1908—.
- The Certificate in Domestic Economy was conferred upon Jennie E. Cation, Essie M. Heyle, Edith A. Hunter and Hertha Tjaden, whose records will be found on preceding pages.

1907

- BAKER, ARTHUR E., 1212 S. Adams St., Peoria.
Science; Medical School; University of Michigan, 1907-9; Rush Medical College, 1909—.
- COALE, WILLIS B., 511 Machin St., Peoria.
Classics; Teacher, Tazewell Co., 1907-10; Student, Oberlin College, 1910—.
- FELTGES, EDNA M., 521 New York Ave., Peoria.
Literature; Teacher, Edelstein, 1907-8; Teacher, High School, Glasford, 1908-9; Student, University of Chicago, 1909-10; Ph. B., *ibid.*, 1910; Teacher of Mathematics, High School, Junction City, Kan., 1910—.
- GRANT, SARAH J., Art Institute, Chicago
Literature; Art Institute, Chicago, 1907-8; Assistant Supervisor of Drawing, Peoria Public Schools, 1908—; Student, Art Institute, Chicago, 1910-11—.
- HARTE, LOUISE W., Minonk.
Literature; Teacher, Glasford, Ill., 1907-8; Chillicothe, 1908—.
- HAUK, GRACE E., 10 Warren St., Hammond, Ind.
Classics; Winner University of Chicago Scholarship; Iowa Summer Library School, 1907; University of Chicago, Summer, 1908; Librarian and Assistant in English, Bradley Institute, 1907-9; Student, University of Chicago, 1909-10; A. B., *ibid.*, 1910; Head of Department of Public Speaking and Assistant in English, High School, Hammond, Ind., 1910—.
- *HAYWARD, JAMES C.
Science; Student, Cornell University, 1907-10. Died September, 1910.
- KELLAR, HERBERT A., Manzanita Hall, Palo Alto, Cal.
Classics; University of Chicago, 1907-9; A. B., *ibid.*, 1909; Teacher of History and English, Manzanita Hall, Palo Alto, Cal., 1909—. Carrying on Graduate Work in History at Leland Stanford University.
- MILLER, FREDERICK F., Rush Medical College, Chicago
Science; Medical School, University of Michigan, 1907-9; Rush Medical College, 1909-11; to receive M. D. in June and to become interne in Children's Memorial Hospital.
- O'BRIEN, EDNA M., Morton.
Science; Proctor Hospital Training School for Nurses, 1909-11—.
- PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Literature; Graduate Student, Bradley Institute, 1907-8; Student Assistant in Chemistry, *ibid.*, 1908-9; Sewing, *ibid.*, Summer, 1909-10; Teacher of Domestic Science, Peoria Schools, 1909—.
- RIDER, ELIZABETH, Pekin.
Literature; Teacher, High School, Chillicothe, 1907-9; Student, University of Chicago, 1909—; to receive Ph. B., June, 1910.

- ROBINSON, EULALIA, Goodfield.
Literature; Teacher, Goodfield, 1907-8; Student, Dennison University, 1908—.
ULRICH, LINA S., 576 Columbia Terrace, Peoria.
Literature; Mt. Holyoke College, 1907-9; A. B., *ibid.*, 1909.
WOOLNER, ROSE, 303 Ellis St., Peoria.
Literature; University of Chicago, 1907-8; Ph. B., (with Honorable Mention),
ibid., 1909; Assistant in German, Peoria High School, 1908—.

TEACHERS' CERTIFICATE.

- BOWMAN, BERTHA R., Mt. Carroll.
Teacher of Domestic Science, Frances Shimer Academy, Mt. Carroll, 1907—.
ELLIS, ELEANOR, 221 Arthur St., Peoria.
Teacher of Domestic Science—. (See Class of 1906.)
FRANCIS, MYRTLE D., Mt. Carroll.
Teacher of Domestic Science, Girls' Industrial School, Evanston, October to
March, 1907; Teacher, School of Domestic Arts and Science, Chicago, March, 1907-8
Supervisor of Domestic Science, Mankato, Minn., 1908-9; Snow College of Dress-
making, Summer, 1909; Teacher of Domestic Science, Frances Shimer Academy,
Mt. Carroll, Ill., 1909-10; in charge of Department of Domestic Science, State
Normal School, River Falls, Wis., 1910—.
KIRKPATRICK, MADGE I., 608 N. Jefferson Ave., Peoria.
Teacher of Algebra and Domestic Science, Pekin, Ill., 1907-8; Domestic Science,
Peoria High School, 1909—. (See Class of 1906.)
NELSON, ALMA E., Stillwater, Minn.
Teacher of Manual Training, Valley City, N. D., 1907—.
TEFFT, MARY E. (MRS. CHARLES R. DAVISON), 437 Jefferson, Bellevue, Pa.

1908

- BAILEY, MARTHA, 909 Knoxville Ave., Peoria.
Literature; Teacher, Peoria Schools, 1910—.
BECKER, HARRY S., 215 N. Douglas, Peoria.
Engineering; Business, Peoria, 1908—.
BEECHER, BENJAMIN S., 408 Frye Ave., Peoria.
Literature; Student, University of Wisconsin, 1908; A. B., *ibid.*, 1910; Assist-
ant Instructor Political Economy, *ibid.*, 1910—; to receive M. A. June, 1911. Man-
ager of Glee Club, *ibid.*, 1910-11.
BOHL, FRANCIS J., Humboldt, Ia.
Science; Teacher, Humboldt College, 1908—.
DWINELL, MERRILL M., 227 East Armstrong, Peoria.
Literature; Teacher, Averyville High School, 1908-9; Assistant in Physics,
Peoria High School, 1909-10; Student, Northwestern University, 1910—.
EASTON, SIDNEY H., 218 Fredonia Ave., Peoria.
Science; Winner University of Chicago Scholarship; University of Chicago and
Rush Medical College, 1908—; Student Assistant in Histology, *ibid.*, Summer, 1909;
Mergler Scholarship in Physiology, 1909-10; S. B., University of Chicago, 1909;
Honorable Mention in Anatomy and Physiology; Instructor in Anatomy, University
of Chicago, 1910—; to receive M. A. in June.
FABER, MARION, 1638 Glen Oak Ave., Peoria.
Classics; Student, Leland Stanford University, 1909, June, 1910; A. B., *ibid.*,
January, 1910; Teacher, Peoria Schools, 1910; Teacher, Hittle Township High
School, Armstrong, Ill., 1910—.
FULFORD, ANNETTE, 514 Russell, Peoria.
Science; Student in Domestic Science, Bradley Institute, 1908-9; Graduate,
ibid., 1909; Teacher of Domestic Science, Pekin, Ill., 1909-10; in charge of Domestic
Science, Stonington, Ill., 1910—.
GEACH, LAURA E., 911 Chambers, Peoria.
Literature; Teacher, Averyville Grade Schols, 1908-9; Teacher in Averyville
High School, 1909—.
GRANT, MARTHA I., 303 Chambers Ave., Peoria.
Literature; Student, University of Chicago, 1908-10; Ph. B., *ibid.*, 1910;
Teacher, Latin and German, North Belvidere, Ill., 1910—.
GREGG, HAZEL, 510 Fourth Ave., Peoria.
Literature; Teacher, Peoria Schools, 1908—.
GRIFFIN, HARRY K., Washington, D. C.
Science; Aid, Bureau of Standards, 1908-9; Laboratory Assistant, *ibid.*, 1909—;
Student, George Washington University, 1908—; A. B., *ibid.*, 1910.
HANNAM, EMMA L., 919 N. Glendale Ave., Peoria.
Science; Teacher, Peoria Public Schools, 1908—.

- HAYWARD, MARGUERITE B., 203 S. Douglas, Peoria.
Classics; Assistant Principal, High School, Tremont, 1908-11.
- HILLER, WILLIAM G., Bisbee, Ariz.
Engineering; Student, University of Illinois, 1908; B. S., *ibid.*, 1910; with Calumet & Arizona Mining Co., Bisbee, Ariz., 1910—.
- LYNCH, HAROLD W., 515 Illinois, Peoria.
Engineering; Student, University of Illinois, 1908-10; completed work for A. B. Degree, *ibid.*, February, 1910; Business, Peoria, 1910.
- MAHLE, GEORGE C., 809 Goodwin St., Peoria.
Classics; Teacher, Tazewell County Schools, 1908-9; Student at Wesleyan University, Middletown, Conn., 1909-11—; to receive A. B. 1911.
- MASON, CHARLES G., 417 N. Monroe St., Peoria.
Classics; Student, University of Chicago, 1908; A. B., *ibid.*, 1910; Teacher of English, Manual Training High School, Peoria, 1910—.
- MACDONALD, ALEXANDER, 503 Seventh Ave., Peoria.
Engineering; Teacher of Mechanical Drawing, High School, Kansas City, Kan., 1908—.
- MORRIS, BESSIE M., 900 Knoxville Ave., Peoria.
Literature; Student, Bradley Institute, Fall and Winter, 1908; Teacher, Peoria Public Schools, Spring, 1909; Student, Oberlin College, 1909-10; to receive A. B. June, 1910.
- MOSS, M. ETHELWYN, 2415 Western Ave., Peoria.
Science; Graduate Student, Bradley Institute, Fall, 1908; Teacher, Peoria Public Schools, 1908—.
- MUIR, ELLEN A., 535 Linn, Peoria.
Literature; Graduate Student, Bradley Institute, 1908-9; Assistant Principal, High School, Farmington, Ill., 1909—.
- MURDOCK, R. KENNETH, 47 N. 4th St., Reading, Pa.
Engineering; Student, University of Illinois, 1908-10; B. S., *ibid.*, 1910; with United Gas Improvement Co., Reading, Pa., 1910—.
- RADLEY, OLIVE E., 109 N. Institute Place, Peoria.
Literature; Teacher, Peoria Public Schools, 1908—.
- ROCKWELL, REXIE, 1417 Grand Ave., Davenport, Ia.
Classics; Teacher, Peoria County Schools, 1908-9; Student, Illinois Wesleyan University, 1909-11; A. B., *ibid.*, 1911.
- SPURCK, ROBERT M., 123 Nott Ave., Schenectady, N. Y.
Engineering; Student, University of Illinois, 1908; B. S., *ibid.*, 1910; Testing Engineer, General Electric Co., Schenectady, N. Y., 1910—.
- STRAESSER, CLARENCE W., 220 N. Institute, Peoria.
Literature; Business, Peoria, 1908—.
- WERCKLE, FRANK W., 220 N. Garfield, Peoria.
Mechanic Arts; Graduate Student, Bradley Institute, 1908-9; Draftsman with Acme Harvesting Machine Co., Peoria, 1909—.

TEACHERS' CERTIFICATE.

- CARTER, LEONA F., Akron, O.
Teacher of Domestic Science, Lexington, Ill., 1909-10; Student, Stout Institute, Summer, 1910; Teacher of Domestic Science, High School, Akron, O., 1910—.
- CURTIS, JOHN W., Box 936, Helena, Mont.
Supervisor of Manual Training, Helena, Mont., 1908—; Student, Stout Institute, Summer, 1909.
- GRIMM, EDITH L. (MRS. ALBERT F. BERG), 448 S. Eighth St., Salina, Kan.
Teacher of Elementary Art and Handwork, Salina Public Schools, 1908-10.
- KRAEGER, BERTHA E., 701 S. Capitol St., Pekin.
Teacher of Domestic Science, Pekin Schools, 1908-9; Teacher of Domestic Science, Peoria Schools, 1909-10; Graduate Art, Bradley Institute, 1909-10; Teacher of Domestic Science and Art, Pekin, 1910—.
- LINDSEY, TASSO, 201 N. 64th Ave., Oak Park.
Teacher of Manual Training, Public Schools, Oak Park, Ill., 1909-10; Instructor in Manual Training, University of North Dakota, 1910—; continued studies at Stout Institute, Lewis Institute, Columbia University.
- PAUL, JOSEPH W., Watseka.
Manual Training. (See Class of 1904.)
- PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Domestic Science. (See Class of 1907.)

- SELVIDGE, ROBERT W., Columbia, Mo.
Professor of Manual Arts and Director of Engineering Shopwork, University of Missouri, 1908—; B. S., Columbia University, 1908; A. M., *ibid.*, 1909.
- SIEPERT, ALBERT F., 38 N. Willow St., Montclair, N. J.
Director of Manual Training, Normal School, Maryville, Mo., 1908-9; Student, Stout Institute, Summer, 1907, 1908, 1909, 1910; Teacher of Manual Training, Public Schools, Montclair, N. J., 1909; Diploma, *ibid.*, 1910; Teachers College, 1910—. Married (September, 1909,) to E. Elta Brown.
- WILLIAMS, MARY E., Marion, Ind.
Indiana University two years; Teacher of Manual Training, City Schools, Marion, Ind., 1908—; Student, Chicago Art Institute, Summer, 1909; Student in Normal Art, Pratt Institute, 1910.

1909

- BAUGHMAN, BERTHA, 402 S. 12th St., Quincy.
Literature; Teacher of Domestic Science, Public Schools, Quincy, Ill., 1909—.
Summer School, Bradley Institute, 1910.
- BAUMGARTNER, GROVER, 79 Hitchcock Hall, University of Chicago.
Literature; Student, University of Chicago, 1909-11—; to receive Ph. B. in June, and expects to enter Harvard Law School.
- BIBO, ANNA, R. F. D. No. 4, Peoria.
Literature; Teacher, Kingman School, Averyville, 1909—.
- BONIFACE, VIVIAN, 1525 N. Madison Ave., Peoria.
Literature; Winner of University of Chicago Scholarship; Assistant in English, Bradley Institute, 1909—.
- HAZEL M. BROWN, 613 Indiana Ave., Peoria.
Literature; Teacher, Peoria Schools, 1909—.
- CASHIN, M. BERNADETTE, 131 Chambers Ave., Peoria.
Literature; Student, Trinity College, Washington, D. C., 1909—.
- CAUSEY, FREDERICK A., Alexian Brothers Hospital, St. Louis, Mo.
Science; Student, St. Louis University (Medical School), 1909; Assistant in Physiology, *ibid.*, 1910—.
- COOPER, HUGH E., 415 Barker Ave., Peoria.
Science; Student, University of Illinois, 1909—.
- CUSHING, EDWARD A., 2126 Main St., Peoria.
Engineering; with Avery Mfg. Co., 1909—.
- DONATHEN, ERMA, Box 20, Sta. H., Los Angeles, Cal.
Literature; Graduate Student (Domestic Science), Bradley Institute, 1909-10; With Crescent Mfg. Co., Seattle, Wash., 1910—.
- EBAUGH, GLENN M., 701 Seventh Ave., Peoria.
Mechanic Arts; Graduate Student (Engineering) Bradley Institute, 1909-10; with Holt Caterpillar Co., Peoria, 1910—.
- FRITZE, LUCIUS A., 511 E. Healy St., Champaign.
Engineering; Student, University of Illinois, 1909-11; Student Assistant in Physiological Chemistry, *ibid.*, 1910-11; to receive B. S. June.
- HARRIS, DAVID E., Amboy.
Science; with Harman Engineering Co., Fall, 1909; Rockford Interurban Co., 1909-10; with J. M. Egan (Civil Engineer), 1910—.
- HECKMAN, CONSTANT C., 201 S. Underhill St., Peoria.
Science; Teacher, Princeville, Ill., 1909-10; Teacher, Peoria Schools, 1910—.
- HELMBOLD, LOUISE M., Greenwood Hall, University of Chicago.
Classics; Student, University of Chicago, 1909—.
- HUDSON, WILLIAM H., 122 N. Pierce St., Lima, O.
Engineering; Draftsman, with Allis-Chalmers Co., Milwaukee, Wis., 1909-10; with Westinghouse Electric Co., Pittsburg, Pa., 1910-11; Designing Engineer with Gramm Motor Car Co., Lima, O., 1911—.
- KELLER, ROY A., 230 W. Gilman St., Madison, Wis.
Engineering; with Peoria Gas & Electric Co., 1909-10; Student, University of Wisconsin, 1910—.
- KELLOGG, SUSAN A., 1017 State St., Peoria.
Literature; Teacher, Peoria Schools, 1909—.
- KNAPP, MARIE A., 350 Buena Vista Ave., Pekin.
Literature.
- LIDLE, IRENE C., 809 St. James St., Peoria.
Science; Teacher, Peoria Schools, 1909—.

- LINDEBURG, FREDERICK G., 458 50th Ave., West Allis, Wis.
Engineering; Draftsman, with Allis-Chalmers Co., Milwaukee, Wis., 1909-10;
Business, Peoria, 1910—.
- LOVE, EDITH B., 219 Fredonia Ave., Peoria.
Science; Student, University of Chicago, 1909-11—; to receive B. S., *ibid.*, 1911.
- MAGARET, MELITTA A., 211 S. Jackson St., Belleville.
Classics; Student, University of Chicago, 1909—.
- MUNNS, EDWARD N., 429 S. Division St., Ann Arbor, Mich.
Science; Student, School of Forestry, University of Michigan, 1909—; engaged
in research work upon relation of soils to development of root-systems of pine
seedlings.
- PFEFFINGER, CARL J., Rush Medical, Chicago.
Science; Student, Rush Medical College, 1909—.
- PLOWE, ROBERT, 421 Frye Ave., Peoria.
Engineering; with C. W. La Porte, Patent Attorney, Peoria, 1909-10; Assistant
to Advertising Manager, Avery Co., 1910—.
- SCHNEELY, MERRILL I., 402 Linn St., Peoria.
Classics; Winner of University of Chicago Scholarship; Student, University of
Chicago, Summer, 1909; Assistant in Chemistry, Bradley Institute, 1909-10; Law
School, University of Chicago, 1910—. Representative of the University in Central
Debating League, 1911; to receive A. B., 1911.
- SCHWEITZER, HARRY E., 5513 Drexel Ave., Chicago.
Science; Student, University of Chicago, 1909—; to receive B. S. in June;
Scholarship in Chemistry, *ibid.*, 1910-11.
- SHOOP, W. MARKS, 733 Foster St., Evanston.
Literature; Student, Northwestern University, 1909-11; to receive A. B., 1911;
with International Harvester Co., Peoria, 1911—.
- WERCKLE, FRANK W., 220 N. Garfield, Peoria.
Engineering. (See Class of 1908.)

TEACHERS' CERTIFICATE.

- ALLISON, ETTA M., University, North Dakota
Domestic Science; Assistant in School of Domestic Science, Chautauqua, N. Y.,
Summer, 1909; Assistant Diet Cook, Battle Creek Sanitarium, Summer, 1910;
Lecturer on dietaries, Memorial Hospital, Mattoon, Ill., 1910; Assistant Manager of
Commons, University of North Dakota, 1911—.
- ANGIER, CARROLL A., 2928 College Ave., Fort Worth, Texas.
Manual Training; Supervisor of Manual Training, Fort Worth, Texas, 1909—;
Student, Stout Institute, Summer, 1910. Married (1910), Miranda G. Bottomley.
- BALCKE, OLIVE A., 418 Washington St., Quincy
Domestic Science; Teacher of Domestic Science, Public Schools, Quincy, Ill.,
1909—; Assistant at School of Domestic Science, Chautauqua, N. Y., Summer, 1909.
- BAUGHMAN, BERTHA, 402 S. Twelfth St., Quincy
Domestic Science. (See Class of 1909.)
- BILGER, RICHARD G., Ring Place, Cincinnati, Ohio.
Manual Training; Teacher of Manual Training, City Schools, Cincinnati, Ohio,
1909-10; Woodward High School, 1910—; Student, Cornell University, Summer, 1910.
- BOWER, HARRY G., 191 Magnolia Ave., Detroit, Mich.
Manual Training; Teacher of Manual Training, City Schools, Detroit, Mich.,
1909—. Married (1909) to Ruth Major.
- CASE, BERTHA, 510 Ravine Ave., Peoria.
Domestic Science; Teacher of Cooking, Manual Training High School, and
Supervisor of Cooking, Peoria Schools, 1909—; Student, Miss Farmer's School of
Cooking, Boston, Summer, 1910.
- COEN, ELEANOR, 1004 Broadway, Normal.
Manual Training; Graduate Student, Normal University, 1909-10.
- CRAIG, ROBERT C., Urbana.
Manual Training; Teacher of Manual Training, Oak Park, Ill., 1906-8; at
Urbana, 1909—.
- EVERLY, HAROLD W., Lincoln.
Manual Training; Teacher of Manual Training, Odd Fellows' Orphan Home,
Lincoln, Ill., 1909-10; Supervisor at Hammond, Ind., 1910—.
- FOTH, GEORGE F., 25 Carlton Ave., Jersey City, N. J.
Manual Training; Teacher of Manual Training, Jersey City Schools, 1907—;
Also carrying on studies leading to B. S. at New York University. Married (April,
1907,) to Theodora K. Schmidt.

- FULFORD, ANNETTE E., 513 Russell St., Peoria.
Domestic Science. (See Class of 1908.)
- HILDALGO, AUGUSTO, Box 78, Manila, Philippines.
Manual Training; Student, Teachers College, New York, 1909-10; B. S., Columbia University and Diploma from Teachers College, 1910; Teacher, Philippines, 1910—.
- GEORGE F. HUTTER, Wilkes Barre, Pa.
Manual Training; Teacher of Manual Training, Minneapolis Schools, 1909-10; Supervisor of Manual Training, Wilkes Barre, Pa., 1910—. Married (May, 1909,) to May A. Pugh.
- KURTZ, EDWARD, 231 W. Pittsburgh St., Greensburg, Pa.
Manual Training; Teacher of Manual Training, Sandusky, Ohio, 1909-10; Student, Columbia University, Summer, 1910; Director of Manual Training, Greensburg, Pa., 1910—.
- McLEMORE, WILLIAM D., 15 Quince St., Nantucket, Mass.
Manual Training; Principal of Coffin School, and Supervisor of Drawing, Nantucket, 1909—. Married (September, 1909,) to Elizabeth Baxter.
- MILLEN, RALPH G., Santa Paula, Cal.
Manual Training, Teacher of Manual Training in Public Schools, Quincy, Ill., 1909-10; Santa Paula, Cal., 1910—.
- MILLER, CORA B., 201 Eighth St. S., Fargo, N. D.
Domestic Science; B. S., Beloit College; Teacher of Domestic Science, Fargo High School, 1909—.
- RITTER, FLORENCE E., So. Manchester, Conn.
Domestic Science, June, 1909; Teachers' Diploma, Teachers College; Assistant in School of Domestic Science, Chautauqua, N. Y., Summer, 1909-10; Teacher of Domestic Science, South Manchester, Conn., 1909—.
- ROSS, EDWIN A., 1009 Nevada St., El Paso, Tex.
Manual Training; Superintendent of Manual Training, El Paso, Texas, 1909—.
- SAYRE, VERNON E., 33 N. Lake Ave., Pasadena, Cal.
Manual Training; A. B., Emporia College, Emporia, Kan., 1905; Teacher of Manual Training, Pasadena, Cal., 1908—.
- SHIELDS, STELLA, 424 Oregon Ave., Santa Monica, Cal.
Manual Training; Teacher of Manual Training and Domestic Science, Santa Monica, Cal., 1909—.
- SMITH, ROBERT J., Ruston, La.
Manual Training; Teacher of Manual Training, Louisiana Industrial Institute, Ruston, La., 1901—.
- TOMPKINS, E. RAY, Grand Forks, N. D.
Manual Training; Director of Manual Training, Grand Forks, N. D., 1909—; Teacher of Manual Training, Normal University, Normal, Ill., Summer, 1909, 1910, 1911. Married (1910), Ora Clover.
- WATERS, MARGARET, Battle Creek, Mich.
Domestic Science; Assistant Dietitian, Battle Creek Sanitarium, Battle Creek, Mich.; to receive Diploma in June.
- WESTLAKE, ELLA C., Peoria
Manual Training; Teacher of Manual Training, El Paso Public Schools, 1909-10.
- WING, BRISTOL E., 606 Gooding St., La Salle.
Manual Training; Teacher of Manual Training, North High School, Des Moines, Ia., 1909-10; Director of Manual Training, La Salle-Peru Township High School, 1910—.

1910

- ATWOOD, CHARLES A., R. F. D. No. 29, Alta.
Science; Student (Agriculture), University of Illinois, 1910—.
- BECKER, META, 213 First Ave., Peoria.
Classics; Teacher, Peoria Schools, 1910—.
- BOTTO, SUSSANNA J., Beecher Hall, University of Chicago
Literature; Student, University of Chicago, 1910—.
- CARSON, ROY P., 109 E. Arcadia Ave., Peoria
Engineering; Student, University of Illinois, 1910; with Clark-Smith Co., Peoria, 1911—.
- COOPER, RUTH L., 415 Barker Ave., Peoria
Literature.

- EBAUGH, GLENN M., 701 Seventh Ave., Peoria
Engineering. (See Class of 1909.)
- GOODING, FRANK E., 1410 W. University Ave., Urbana
Engineering; Student, University of Illinois, 1910—.
- GREVES, GEORGE L., 1423 Glen Oak Ave., Peoria
Engineering. (See Class of 1906.)
- HEYLE, ALLEN W., 127 N. Elmwood, Peoria
Science; Student (Agriculture), University of Illinois, 1910—; with Illinois
Orchards Co., Stevensville, Mont., Summer, 1910.
- HOWARD, GEISERT A., 326 Bradley Park Road, Peoria
Literature; Student, University of Chicago, 1910—.
- KAMMANN, ELVA, 2408 Main St., Peoria
Literature; Student, University of Illinois, 1910—.
- KEAS, CLEDA M., 303 Ellis St., Peoria
Literature; Teacher, Peoria Schools, 1910—.
- KEITHLEY, AMY, 1601 Knoxville Ave., Peoria.
Literature; Student, University of Wisconsin, 1910—.
- KELLAR, G. GORDON, Oak Park
Science; Teacher of Manual Training, Oak Park, Ill., 1910—.
- KING, MYRA H., 109 Fredonia Ave., Peoria.
Literature; Student, Rockford (Ill.) College, 1910—.
- KLOTZ, HARRY J., 1106 N. Glendale, Peoria
Engineering; Student University of Illinois, 1910—.
- LEE, GRACE E., 217 W. Armstrong, Peoria
Science; Travel in California, 1910-11.
- MALLING, HATTIE J., 1225 First St., Peoria
Literature.
- MINTON, JOHN P., 193 Warren Ave., Boston, Mass.
Engineering; Student, Massachusetts Institute of Technology, 1910—.
- PFEIFFER, BENJAMIN S., 1108 N. Madison, Peoria
Engineering; Student, University of Illinois, 1910—.
- MYERS, MEDORA, 805 Knoxville Ave., Peoria
Literature.
- RICHMOND, MARGUERITE, 124 N. Glenwood, Peoria
Literature; Student, Bradley Institute, 1910—.
- RUSSELL, MARGARET L., Decatur
Literature; Student, Milliken University, 1910—.
- SANFORD, FLOYD E., Heald's Business College, Los Angeles, Cal.
Science; Business, Peoria, 1910; with Heald's Business College, Los Angeles,
Cal., 1911—.
- SCHWARTZ, FLORENCE L., Greenwood Hall, University of Chicago
Literature; Student, University of Chicago, 1910.
- STREHLOW, SANCHEN G., 2409 Seventh, Peoria
Science; Teacher, Peoria Schools, 1910—.
- TRAEGER, CARL A., 942 Mound St., St. Paul, Minn.
Science; Student (Medicine), University of Minnesota, 1910—.
- WAGNER, HAROLD W., 412 Knoxville Ave., Peoria
Science; Business, Peoria, 1910—.
- WEAD, GRACE E., 206 Fredonia Ave., Peoria
Science; Student, Oberlin College, 1910—.

TEACHERS' CERTIFICATE.

- ARLITT, CARL WALTER, Y. M. C. A., San Antonio, Texas
Manual Training; Teacher, Manual Training, Austin, Texas, 1909-10; San An-
tonio, Texas, 1910—.
- BELSLEY, OLGA C., 1405 N. Jefferson, Peoria
Domestic Economy; Teacher, Peoria Schools, 1910—.

- BURK, WILLIAM E., Lead, S. D.
Manual Training; Supervisor of Manual Training, Lead, South Dakota, 1907—.
- CANTIENY, JOSEPHINE J., Ortonville, Minn.
Manual Training; Teacher of Manual Training, Ortonville, Minn., 1910—.
- CATION, A. LAURA, 603 Bradley Ave., Peoria.
Domestic Economy; Teacher, Peoria Schools, 1910—.
- CLARKE, HARLEY L., Columbus, O.
Manual Training; Teacher, Manual Training, Columbus, O., 1909—.
- COLEMAN, BESS M., Hennepin
Domestic Economy.
- CRUIKSHANK, LEWIS W., 140 W. 16th St., Philadelphia, Pa.
Manual Training; Instructor in Manual Training and Mechanical Drawing, Friends School, Philadelphia, Pa.
- DONATHEN, ERMA, Box 20, Sta. H., Los Angeles, Cal.
Domestic Economy; with Crescent Manufacturing Co., of Seattle, Wash., 1910—.
- DUSTEN, ELEANOR I., Training School for Girls, Geneva
Domestic Economy; Matron at State Training School for Girls, Geneva, Ill., 1910—.
- FAUBLE, LUELLE K., Odd Fellows' Home, Lincoln
Domestic Economy; Teacher of Cooking and Sewing, Odd Fellows' Orphans Home, Lincoln, Ill., 1910—.
- JACOBSON, NELLIE P., Lake Shore Apts., Oakland, Cal.
Manual Training; Teacher of Manual Training, Oakland, Cal., 1910.
- LANDER, CLARENCE H., 8106 Linwood Ave., Cleveland, O.
Manual Training; Instructor in Woodworking and Drawing, East High School, Cleveland, Ohio, 1910—.
- LEININGER, MYRTLE M., Elkhart, Ind.
Domestic Economy.
- PORTER, MARY E., 5535 Montgomery Rd., Pleasant Ridge, O.
Domestic Economy; Teacher of Domestic Science, Cincinnati, Ohio, 1910—.
- POTTER, RUTH E., Prophetstown
Domestic Economy; Teacher of Domestic Science, Lincoln, Ill., 1910—.
- ROCKWELL, LYNN D., 603 Sullivan St., Olean, N. Y.
Manual Training; Teacher, Manual Training and Mechanical Drawing, High School, Olean, N. Y., 1910—.
- RHYAN, IVAH M., 2206 N. Eleventh St., Terre Haute, Ind.
Domestic Economy; Teacher of Domestic Science, Indiana Normal College, Terre Haute, Ind., 1909—.
- SCHERLING, FREIDA, 416 Brady St., Elkhart, Ind.
Domestic Economy; Teacher of Domestic Science, Crookston, Minn., 1910—.
- SCHICK, JOHN M., 2117 Hatmaker St., Cincinnati, O.
Manual Training; Teacher of Manual Training, Hughes High School, Cincinnati, O., 1908—.
- SCHNEIDER, GENEVA M., Iowa City, Ia.
Domestic Economy.
- SCHWARTZ, HELEN L., 19 W. Scott St., Vincennes, Ind.
Manual Training; Teacher of Manual Training, Vincennes, Ind., 1910—.
- SENGENBERGER, INA C., 933 Glen Oak Ave., Peoria.
Domestic Economy; Instructor, Normal and Collegiate Institute, Asheville, N. C., 1910—.
- SHERWOOD, RUTH R., R. F. D. No. 2, Peoria
Domestic Economy; Teacher, Peoria Schools, 1910—.
- STREHLOW, SANCHEN G., 2409 Seventh Ave., Peoria
Domestic Economy. (See above.)
- STONIER, FERN, Toulon, Ill.
Domestic Economy; Student Assistant in Sewing, Bradley Institute, 1910—.
- SUMMERS, ETHEL M., Dickinson, N. D.
Domestic Economy; Teacher of Domestic Science and Art, High School, Dickinson, North Dakota, 1910—.

LIST OF STUDENTS

COLLEGE

Abel, Zoula Z.....	Gosport, Ind.	Fathman, Irene.....	Maplewood, Mo.
Allen, Lucy E.....	Delavan	Flood, Wilbur E.....	Peoria
Alline, Cozette K....	Ft. Dodge, Iowa	Foster, Wilda.....	Huntington, Ind.
Anderson, Juanita....	Unga, Alaska	Franzen, Theodore J.....	Peoria
Apple, Charles H.....	Peoria	Fultz, Edna.....	Harristown, Ind.
Archer, Bessie M.....	Peoria	Geiger, Helen.....	Peoria
Armstrong, Haskell R.....	Peoria	Gerwig, Elizabeth....	Noblesville, Ind.
Averill, Grace C....	Whitewater, Wis.	Giessler, William C.....	Peoria
Baird, Mary E.....	Warsaw	Gilbert, Martha B.....	Goshen, Ind.
Ballenger, Harold A.....	Tremont	Goss, Frances H.....	Peoria
Barkdoll, Frank S.....	Batavia	Goss, J. Mayo.....	Peoria
Bavington, Elizabeth M....	Edelstein	Grayston, Florence L.....	Huntington, Ind.
Berg, George F.....	Milwaukee, Wis.	Grinde, Mabel....	Morrisonville, Wis.
Berger, Hazel M.....	Peoria	Gunderson, Hannah R.....	Elkpoint, S. D.
Bibo, Mary M.....	Peoria	Hall, Florence A....	Hancock, Mich.
Bilger, Paul.....	Cincinnati, Ohio	Hanna, Elizabeth.....	Peoria
Blackburn, Samuel A....	Edwardsville	Hargitt, George H.....	Aurora, Ind.
Blazier, Florence E.....	Muncie, Ind.	Harman, Harris J.....	Peoria
Bolles, Burt G.....	Marshall, Mich.	Hartz, Warren V.....	Reading, Pa.
Brandt, Gertrude L.....	Elgin	Hathway, Ina J.....	Webster City, Ia.
Breitstadt, Hulda C.....	Quincy	Haynes, Nina R.....	Chicago
Brenneman, Ruth V....	Goshen, Ind.	Hein, Leon F. A..	Stevens Point, Wis.
Brown, Mae A....	Martinsville, Ind.	Heuse, Clara L.....	Madison, Ind.
Buchanan, Florence E.....	Peoria	Heyle, Bernice.....	Peoria
Bullock, Hazel V.....	Eureka	Humphrey, Alta M.....	Henry
Bumgarner, Earl R.....	Peoria	Hunter, Mary E.....	Peoria
Bunn, Loring T.....	Peoria	Ide, Lucile.....	Mineral
Burgess, Helena.....	Peoria	Ippensen, Olga A.....	Peoria
Buswell, Janet E.....	Peoria	Jackson, Ralph H.....	Belleville, O.
Byrne, Mary E.....	Mankato, Minn.	James, Mabelle H.....	Muncie, Ind.
Canfield, Marie.....	Muncie, Ind.	Kaempfen, Ruth H.....	Quincy
Carpenter, Vera E.....	Rockton	Kammann, Meta M.....	Peoria
Cashin, Kathleen M.....	Peoria	Keckeritz, Albert C...	Cincinnati, O.
Chambers, Lalitte G....	St. Louis, Mo.	Keithley, Lily L.....	Peoria
Chance, Chas. W.....	Hammond, Ind.	Keogh, Eulalia F.	Sturgeon Bay, Wis.
Cisna, Charles G.....	Peoria	King, Elizabeth G.....	Peoria
Comp, Ray O.....	Dorset, O.	Kirn, Harry W.....	Reading, Pa.
Cook, Myrtle.....	Odin	Kuhl, John H., Jr.....	Peoria
Courtney, Ola E.....	Muncie, Ind.	Kurtz, Beatrice M.....	Peoria
Cowden, Margaret L.....	Monmouth	Kyle, Ina M.....	Peoria
Croman, Helen J..	Mt. Clemens, Mich.	Laird, Willa M.....	Maysville
Dilley, Lucille.....	Martinsville, Ind.	Larsen, Carolyn M...	Hancock, Mich.
Ditewig, Gladys A.....	Peoria	Leighton, Ethel C.....	Peoria
Donley, Marie D.....	Peoria	Littlewood, Allen P.....	Peoria
Douglas, Helen.....	Peoria	Lord, Leslie S.....	Peoria
Drury, Florence O.....	Peoria	Love, Jean H.....	Peoria
Duffield, Charles A.....	Glasford	Lucas, Eda I.....	Peoria
Dwinell, Bruce E.....	Peoria	Lurton, Florine N.....	Peoria
Ellis, Mary E.....	Peoria	McCoy, Charles L.....	Varna
Elliston, Robert L.....	Princeton		
Emery, Florence E.....	Peoria		

McCoy, Edith M.....	Chillicothe
McCullough, Harold D.....	Peoria
McDonald, Harry T.....	Peoria
McDonald, Mary M.....	Charleston
McFarlane, Dorothy.....	
.....	Whitewater, Wis.
McFarlane, Nina V.....	
.....	Whitewater, Wis.
McNay, Maude H.....	Peoria
McNeill, Leola G.....	Prophetstown
Manock, Alma.....	Chillicothe
Maple, Lucille E.....	Peoria
Maple, Ray C.....	Glasford
Martin, Edward J.....	Peoria
Mason, Helen E.....	Peoria
Mason, Lester R.....	Peoria
Maurer, Fred H.....	Peoria
Mercer, Frank G.....	Washington
Miles, Sophia O.....	Charleston
Miller, Grace F.....	Peoria
Miller, Zilpah.....	La Junta, Colo.
Moore, Mabel V.....	Peoria
Moore, Robert M.....	Peoria
Neal, Walter E.....	Peoria
Neeb, Lewis S.....	Cincinnati, O.
Nelson, Jennie.....	Rock Island
Nichols, Ina P.....	Green Valley
Nixon, Grace F.....	Toulon
Nixon, Helen M.....	Peoria
Nixon, Paul O.....	Toulon
Nystrom, Esther.....	Peoria
Overend, Harrison G.....	Edelstein
Parker, Bennett R.....	Peoria
Paul, Helen L.....	Peoria
Payne, Arthur F.....	Peoria
Pfeiffer, Elsie M.....	Washington
Phillips, William P.....	Peoria
Plack, Theodore.....	Peoria
Plowe, Margaret D.....	Peoria
Porter, Harold C.....	Wallingford, Conn.
Price, Charles B.....	Reading, Pa.
Quisno, Jessie E.....	Peoria
Reed, Salome J.....	Peoria
Righter, William H.....	Peoria
Rogers, Francis M.....	Mandan, N. D.
Root, Margarette J.....	Peoria
Runyon, Myrtle A.....	Delavan
Rutherford, Edith.....	Peoria
Saylor, James R.....	Glasford
Schenck, Roger.....	Peoria
Scherer, Frank G.....	Peoria
Scranton, Charles J.....	Peoria
Sherin, Florence S.....	
.....	Winnebago, Minn.
Simpson, Clarence.....	Farmington
Skartvedt, Lola C.....	Lake Benton, Minn.
Slenker, Glenn R.....	Eureka
Smith, Edna J.....	Cape Girardeau, Mo.
Smith, Frank D.....	Peoria
Smith, Victor J.....	Austin, Tex.
Souder, Louisa E.....	Salem, Ind.
Spencer, Ollie V.....	Magnolia
Stowell, Margaret D.....	Edelstein
Stracke, Irma A.....	Warsaw
Strauch, Harry H.....	Thomson
Sucher, Bertha E.....	Peoria
Swalem, Rhoda.....	Dane, Wis.
Thomasson, Pauline E.....	Quincy
Tjaden, Charlotte.....	Peoria
Tomm, Helen.....	Delavan
Ulrich, Julia M.....	Peoria
Van Deusen, Ella M.....	Newark, N. Y.
Von Tobel, Walter R.....	Tremont
Warner, Clara E.....	Adair, Ia.
Warner, Earl A.....	Whitewater, Wis.
Waugh, Bernice.....	Peoria
Welles, Paul T.....	Elmwood
Wetzel, Carrie F.....	Fullerton, Cal.
Williams, Antoinette.....	Marinette, Wis.
Wood, Lewis R.....	Pekin
Wright, Bernard E.....	Wenona
Wright, Clara M.....	Clinton, Ind.

HIGHER ACADEMY

Addison, Enid M.....	Peoria
Allen, George E.....	Peoria
Allen, M. Marguerite.....	Peoria
Allen, Ruth.....	Peoria
Anderson, Edward G.....	Mitchell, S. D.
Ashley, Walter E.....	Maplewood, Mo.
Badgley, Donald L.....	Dwight
Barnett, Robert V.....	Peoria
Barton, Winifred.....	Bartonville
Becker, Alice R.....	Peoria
Bennett, Howard G.....	Peoria
Benton, Emily R.....	Peoria
Berg, Frank F.....	Peoria
Berg, Moritz E.....	Peoria
Block, Harriet F.....	Peoria
Botts, Hazel M.....	Peoria
Bowler, Grace L.....	Manito
Cain, William L.....	Peoria
Campen, Walter G.....	Peoria
Cashman, Edward E.....	Peoria
Chubbuck, Helen E.....	Peoria
Clark, Cyril B.....	Peoria

Clark, Thomas R.....	Peoria	Manning, Frank B.....	.....Webster Grove, Mo.
Cockle, Elizabeth.....	Peoria	Maple, Nellie R.....	Glasford
Corbett, Mabel J.....	Manito	Marsh, May G.....	Peoria
Coriell, George F.....	Green Valley	Martens, Adeline S.....	Peoria
Cornelson, Robert G.....	Peoria	Martin, Joe G.....	Granville
Day, Herbert.....	Peoria	Masker, Lillian P.....	Peoria
Deach, Burdella D.....	Peoria	McClintick, William H.....	Peoria
De Lent, Adelina M.....	Peoria	McCullough, Roscoe W.....	Eden
Drury, Bernice.....	Peoria	Mercer, Ruth J.....	Washington
Early, Carl A.....	Peoria	Michaelsen, Charles L.....	.....Minneapolis, Minn.
Eckstein, Henry C.....	Peoria	Miller, Harry V.....	Peoria
Edwards, Delwin O.....	Princeville	Mulford, Charles R.....	Peoria
Ellis, John O.....	Peoria	Neal, Roscoe R.....	Chillicothe
Faber, Katherine.....	Peoria	Nicol, Isabelle K.....	Peoria
Fisher, Anna M.....	Peoria	Oates, Helen E.....	Peoria
Fox, Ray S.....	Peoria	Parker, Theodora C.....	Peoria
Fritts, Minnette.....	Peoria	Pfeiffer, Josef S.....	Peoria
Gilliland, Robert E.....	Peoria	Phelps, Richard E.....	Peoria
Gipps, Della T.....	Peoria	Pickrel, Mark C.....	Maquon
Glasgow, Mildred A.....	Peoria	Pinkerton Floyd, V.....	Mars, Pa.
Gordon, Clarence A.....	Peoria	Plowe, Dorothy.....	Peoria
Gordon, Myrtle O.....	Peoria	Plowe, Marjorie.....	Peoria
Gorsline, Lester P.....	Peoria	Porter, Clara.....	Mackinaw
Graner, Richard F.....	Peoria	Potter, Edith L.....	Peoria
Greves, Ross B.....	Peoria	Priest, Charles D.....	Peoria
Griffith, Ida E.....	Charleston	Quigley, Melba L.....	Peoria
Grossman, Bertha.....	Peoria	Randolph, Mabel M..	Paragould, Ark.
Hadfield, Helen H.....	Peoria	Reed, Vesta.....	Peoria
Hakes, Laura L.....	Peoria	Reynolds, George E.....	Perry
Hale, Augusta M.....	Peoria	Ringness, Zella M.....	Peoria
Hall, Dorothy R.....	Peoria	Robison, Elizabeth S.....	Peoria
Hancock, Hazel L.....	Peoria	Sarsfield, Hazel L.....	Peoria
Hanna, Howard H.....	Peoria	Schertz, Florence D.....	Metamora
Heckman, Grace.....	Peoria	Scholes, Jessie M.....	Peoria
Herrell, Sarah E.....	Peoria	Schwentser, Marcella F.....	Peoria
Herron, Mary W.....	Peoria	Secretan, Charlotte R.....	Peoria
Herschel, Arthur.....	Peoria	Shane, La Veda.....	Stark
Herschel, Emma M.....	Peoria	Shane, Lenore M.....	Peoria
Heyl, Harry C.....	Manito	Sherwood, Abijah M.....	Peoria
Hicken, John H.....	Peoria	Shockley, Ruth.....	Peoria
Hillis, Berenice K.....	Peoria	Shreffler, Algie R.....	Glasford
Hine, Allen T.....	Peoria	Sisson, William F....	Flagstaff, Ariz.
Holderman, John A.....	Paxton	Smith, Bryce D.....	Earlville
Holmes, Charles W.....	Chillicothe	Smith, Hazel H.....	Peoria
Holmes, John S.....	Chillicothe	Smith, Ralph G.....	Lily
Hucke, Alma K.....	Mascoutah	Snyder, Howell.....	Peoria
Jack, Elaine F.....	Peoria	Sprague, M. Adelaide.....	Peoria
Jacquin, Homer S.....	Peoria	Spurck, Clara A.....	Peoria
Jenkins, Henrietta B.....	.....Hot Springs, Ark.	Steele, Anna M.....	Peoria
Johnston, James E.....	Latham	Stephens, Bertha M.....	Peoria
Joseph, George E.....	Peoria	Stowell, Armina.....	Peoria
King, Hazel L.....	Peoria	Strehlow, Nettie.....	Peoria
Logan, Rena W.....	Sheldon, Ia.	Sullivan, George M.....	Peoria
Lord, Dorothy E.....	Peoria	Ticknor, James H.....	Peoria
Macdonald, Hugh.....	Peoria		

Voorhees, Daniel W.....	Peoria	Warner, Earle E.....	Manito
Voorhees, Fern.....	Peoria	Watson, Marshall M.....	Flora
Walker, Lucile.....	Peoria	Wikoff, Leonard P.....	Oneida

LOWER ACADEMY

Adams, Howard J.....	Alton	Ernst, Leslie.....	Peoria
Alfs, George C.....	Peoria	Evans, Rebecca M.....	Peoria
Allen, William R.....	Peoria	Faber, Hester M.....	Peoria
Ash, Vera C.....	Peoria	Favre, John A.....	Peoria
Badgley, Laurie C.....	Dwight	Ferryman, Charles S.....	Peoria
Baer, John V.....	Peoria	Fritsche, Selma P.....	Peoria
Baer, Thaddeus E.....	Peoria	Gauss, Pauline.....	Peoria
Barnes, Donald J.....	Peoria	Goodfellow, Marion.....	Peoria
Bartels, Arthur F.....	Peoria	Gordon, Cora M.....	Peoria
Bartlett, Margaret.....	Peoria	Gordon, Ruth A.....	Alta
Beecher, Dorothy A.....	Peoria	Gorsline, Charles W.....	Peoria
Beeler, Hazel A.....	Peoria	Goss, Henry H.....	Peoria
Belsley, Mabel B.....	Peoria	Greer, Helen L.....	Peoria
Birge, Walter C.....	Peoria	Gridley, J. Guy.....	Morrison
Blackmon, Marjorie W.....	Peoria	Gumbel, Karl S.....	Peoria
Bloom, Walter E.....	Peoria	Hall, John W.....	Peoria
Bontz, Maudelyn E.....	Peoria	Harper, Ray L.....	Cedar Rapids, Ia.
Borland, Harold R.....	Hanna City	Harris, Joseph H.....	Helena, Mont.
Brown, Carman H.....	Peoria	Harrison, Annie M.....	Peoria
Brunga, William F.....	Peoria	Hart, Warren E.....	Peoria
Bunn, James H.....	Peoria	Hauk, Zarah W.....	South Bartonville
Butler, Allen G.....	Peoria	Hayward, Morris H.....	Peoria
Byrnes, Lucile.....	Peoria	Hoklas, Erna.....	Peoria
Carter, Benjamin H.....	Peoria	Hopple, Laura.....	Peoria
Carter, Herbert C.....	Peoria	Houghton, Elma S.....	Peoria
Case, Edna F.....	Peoria	Jackson, Maud V.....	Peoria
Chamberlain, Clarke E.....	Peoria	Jacquin, Wentworth C.....	Peoria
Champion, John A.....	Pekin	Johnson, Laura I.....	Peoria
Clark, Bruce B.....	Peoria	Johnston, Effie T.....	Peoria
Clark, Margaret.....	Peoria	Kelley, Fleta J.....	Peoria
Clarkson, Arthur D.....	Peoria	Kelly, Mae E.....	Peoria
Collins, Campbell S.....	Peoria	Kenyon, Keith.....	Peoria
Conway, Helen V.....	Peoria	Kiefer, Dorothy W.....	Peoria
Covey, E. Linn.....	Peoria	Kinney, Erwin B.....	Peoria
Cowell, Benjamin.....	Peoria	Klepinger, Edith M.....	Peoria
Coyner, Olga M.....	Middlegrove	Knapp, Mary L.....	Peoria
Crager, Elmer J.....	Pekin	Langenberg, Earl W.....	Peoria
Craig, Helen M.....	Peoria	Lasley, Gladys E.....	Peoria
Criner, Anna L.....	Peoria	Leech, Ruth A.....	Peoria
Cunningham, George N.....	Peoria	Lewis, Alice.....	Peoria
Daily, James M.....	Peoria	Lidle, Walter J.....	Peoria
Day, Wilber F.....	Peoria	Look, Mabel N.....	Peoria
Ditewig, George B.....	Peoria	Lord, Esther S.....	Peoria
Drake, Louise M.....	Peoria	Loucks, Helen.....	Peoria
Drury, Ethel M.....	Peoria	Lowes, Ralph C.....	Peoria
Ebaugh, Imogene A.....	Peoria	Mackemer, F. Lynn.....	Peoria
Ebaugh, Loretta A.....	Peoria	Mahle, Arthur E.....	Peoria
Eicher, Helen T.....	Peoria	Makutchan, Clyde.....	Buda
Ellis, W. Edward.....	Peoria	Marcus, Raymond J.....	Peoria
Elston, George W.....	Peoria	Martin, Murrel W.....	Chicago

May, Laurence E.....	Peoria	Smith, David M.....	Peoria
McCartney, Edna.....	Peoria	Smith, George G.....	Peoria
McCartney, Mary A.....	Peoria	Snyder, John E.....	Peoria
McCluggage, Elsie M....	Hanna City	Spangler, Lester.....	La Rose
McCormick, Harriet E.....	Peoria	Spurck, Ella M.....	Peoria
McDougal, Robert D.....	Peoria	Spurck, Margaret F.....	Peoria
Meek, Elizabeth.....	Peoria	Stanbery, Eva M.....	Peoria
Mitchell, Jessie M.....	Peoria	Steenburg, Walter C....	Farmington
Moore, Helen R....	Worcester, Mass.	Stone, Wm. E.....	Peoria
Moury, Hazel M.....	Peoria	Stowell, Ethel M.....	Edelstein
Mulford, Louise.....	Peoria	Straesser, Kathryn E.....	Peoria
Nash, Margaret F.....	Peoria	Strause, Clifford P.....	Peoria
Niehaus, Kathryn M.....	Peoria	Strehlow, Marie J.....	Peoria
Ohliger, Albert J.....	Peoria	Sullivan, Ernest L.....	Peoria
Parker, James W.....	Peoria	Tefft, Ivan D.....	Peoria
Paul, Herbert B.....	Peoria	Tefft, Lionel V.....	Peoria
Paul, Lavinia.....	Peoria	Thayer, Mabel I.....	Oak Hill
Perry, Zelda L.....	Peoria	Todhunter, Charles E.....	Peoria
Peterson, Helen M.....	Edelstein	Triebel, Carl O.....	Peoria
Pfeiffer, Rudolf S.....	Peoria	Turner, Clifton S.....	Peoria
Pindell, Elizabeth.....	Peoria	Vars, Mary B.....	Edelstein
Pinkney, William R.....	Peoria	Voss, John, Jr.....	Peoria
Plack, Edna M.....	Peoria	Waldo, Proctor C.....	Peoria
Price, Harry G.....	Evanston	Waln, Raymond R.....	Peoria
Raymond, Florence L.....	Peoria	Wead, Frank W.....	Peoria
Reed, Ruth E.....	Peoria	Wheeler, Helen B.....	Peoria
Ringness, Herman B.....	Peoria	Wieland, Bessie.....	Peoria
Roberts, Holland D.....	Peoria	Wilde, Margaret I.....	Peoria
Rutter, Mary L.....	Monticello, Ind.	Wilde, Marion E.....	Peoria
Salzenstein, Arnold R.....	Peoria	Wilder, Charles L.....	Peoria
Schertz, Katheryn B.....	Peoria	Wilson, Mary L.....	Peoria
Scott, Josephine F.....	Peoria	Woelfle, Emilie M.....	Peoria
Sedgwick, Donald L.....	Peoria	Wood, Mabel V.....	Peoria
Sedgwick, James H.....	Peoria	Wood, Olive A.....	Peoria
Shepherdson, R. Milo.....	Peoria	Woodward, H. Robert.....	Peoria
Simmons, George E.....	Peoria	Wrigley, James F.....	Trivoli
		Wyatt, Walter E.....	Peoria

UNCLASSIFIED

Bess, Theresa.....	Peoria	Maple, Fred E.....	Peoria
Coburn, Ethel M.....	Peoria	Moery, Otto.....	Peoria
Enfield, Mrs. Ada.....	Peoria	Parker, Mabel.....	Peoria
Fox, Anna R.....	Alta	Richmond, Marguerite.....	Peoria
Hans, Grace E.....	Monmouth	Schneckenberger, Charles F....	Peoria
Hoag, Ethel B.....	Princeville	Westlake, Ella C.....	Peoria
Kapmeyer, Anna D.....	Pekin	Winchip, Margaret J.....	Peoria

EVENING CLASSES

Anderson, Edward G..	Mitchel, S. D.	Breedlove, E. R.....	Peoria
Austin, Mabel B.....	Peoria	Burch, Irene.....	Peoria
Averill, Grace C....	Whitewater, Wis.	Burkholder, Nina.....	Peoria
Blackman, J. H.....	Peoria	Chalmers, Thomas C.....	Peoria
Bloom, Arthur B.....	Peoria	Cockle, Elizabeth.....	Peoria
Boggess, Carl.....	Peoria	Daniels, T. R.....	Peoria

Day, Herbert.....	Peoria	Mickel, Adelaide.....	Peoria
Emerson, F. N.....	Peoria	Nailon, J. C.....	Peoria
Evans, Mrs. F. H.....	Peoria	Niece, Harry C.....	Elmwood
Faber, Edward.....	Peoria	Nixon, Blanche.....	Peoria
Filmore, G. P.....	Peoria	Nixon, Gladys.....	Peoria
Fleming, D. C.....	Peoria	Patterson, Laura G.....	Peoria
Funden, Carl A.....	Peoria	Pitney, O. H.....	Peoria
George, Edwin F.....	Peoria	Randle, J. L.....	Peoria
Haag, Albert.....	Peoria	Reynolds, J. G.....	Peoria
Hans, Grace E.....	Peoria	Richter, W. J.....	Peoria
Haungs, H. C.....	Peoria	Robinson, Maud S.....	Peoria
Heum, Fred.....	Peoria	Rogers, F. M.....	Mandan, N. D.
Iler, H. E.....	Peoria	Scovel, Mary C.....	Peoria
Jamison, A. W.....	Peoria	Skartvedt, Lola C. Lake Benton, Minn.	
Johnson, H. S.....	Peoria	Smith, Frank D.....	Peoria
Jones, H. S.....	Peoria	Smith, Victor J.....	Austin, Tex.
Kalb, J. L.....	Rock Island	Snell, D. H.....	Peoria
Kohnmet, M. H.....	Peoria	Stowell, R. E.....	Peoria
Kolb, J. E.....	Peoria	Stowell, Mrs. R. E.....	Peoria
Manning, F. B.....	Peoria	Tjaden, Anna.....	Peoria
Maxwell, Chas. E.....	Peoria	Upham, Chas.....	Peoria
McDonald, Mary N.....	Charleston	Van Deusen, Ella M. Newark, N. Y.	
McFarlane, Dorothy.....		Walters, Katherine F.....	Peoria
.....	Whitewater, Wis.	Warner, A. C.....	Peoria
McFarlane, Nina... Whitewater, Wis.		Whitmeyer, Mark H.....	Peoria
McKee, Mrs. A. C.....	Peoria	White, I. B.....	Peoria
		Wynd, L. A.....	Peoria

SUMMER SCHOOL

Agnew, Charles E.....	Delphi, Ind.	Clarke, William H.....	
Altman, Robert.....	Owensboro, Ky.	.....	Grand Rapids, Mich.
Arllitt, Carl W.....	Austin, Tex.	Coleman, John B.....	Whitewater, Wis.
Ashley, Arthur W.....	St. Louis, Mo.	Collier, Edwin W.....	Pomeroy, Wash.
Badger, Orzo B.....	Sullivan, Ind.	Comp, Ray O.....	Dorset, O.
Ballard, George L.....	Beloit, Wis.	Conner, Murray.....	Sullivan, Ind.
Baughman, Bertha.....	Peoria	Cook, Thomas A. M.....	Columbia, S. C.
Bird, James P.....	Kansas City, Mo.	Coon, Pearl C. W.....	Mankato, Minn.
Blackburn, Samuel A.....	Edwardsville	Courtney, Ola E.....	Muncie, Ind.
Blair, Richard E.....	Cincinnati, O.	Cowden, Margaret L.....	Monmouth
Blazier, Florence E.....	Muncie, Ind.	Coxen, James R.....	
Bolles, William B.....	Cleveland, O.	.....	East Las Vegas, New Mex.
Bowen, Harry G.....	Detroit, Mich.	Craig, Oliver N.....	Barberton, O.
Boyce, George T.....	Boonville, Mo.	Craig, Robert C.....	Peoria
Boyle, Harold L.....	Minneapolis, Minn.	Cram, Mark W.....	Brigham City, Utah
Bradford, Homer T.....	Falmouth, Ky.	Cranston, Frederic H.....	
Bromer, Mrs. Matie E.....	Peoria	.....	Norwich, Conn.
Brown, Kate Louise.....	Lincoln	Crocker, Levi A.....	Milwaukee, Wis.
Buck, Earnest H.....	Moberly, Mo.	Cunningham, James H.....	
Buck, Mrs. Earnest H.....	Moberly, Mo.	.....	Toronto, Canada
Catchings, Robert M.....	Houston, Tex.	Currah, Clarence E.....	Leadville, Colo.
Cation, Anna L.....	Peoria	Curtiss, Ray B.....	Oberlin, O.
Chambers, Lalittle G.....	St. Louis, Mo.	Cushing, William S.....	
Champion, Joe.....	Cleveland, Mo.	.....	Michigan City, Ind.
Christman, Emanuel M.....	Columbus, O.	Daily, Paul.....	Peoria

- Dair, William G.....Harrison, O.
 Danforth, Elsie H.....Washington
 Deane, Georgia V.....Lincoln
 Douglas, Helen.....Peoria
 Eaton, Ralph E.....South Bartonville
 Everley, Harold E.....Wenona
 Eversmeyer, Earl W.....
 San Gabriel, Cal.
 Fair, Mina S.....Pekin
 Farley, Nellie R.....Peoria
 Fecht, Emma F....Kansas City Kan.
 Fey, Edwin F.....Cuero, Tex.
 Fiesselmann, Selma J.....Peoria
 Finley, Lillian D... Noblesville, Ind.
 Fischer, Lena De Ve..Maquakato, Ia.
 Flanders, Fred A.....Oshkosh, Wis.
 Fludder, Ramond O...Detroit, Mich.
 Frazier, Charles L.....Champaign
 Freeman, James R.....Sparta, Wis.
 Gilchrist, Thomas..Menomonie, Wis.
 Grimm, Minnie C.....Quincy
 Grogan, Eleanor.....Delavan
 Hall, Frances H.....Cincinnati, O.
 Hancock, Winfield S....Ruston, La.
 Hargitt, Robert L.....Normal
 Harrison, Charles.....Cuba
 Hartz, Warren V.....Reading, Pa.
 Hawk, Pearl J.....Fairbury
 Hein, Leon F. A.Stevens Point, Wis.
 Heine, Raymond.....Quincy
 Hendershott, Samuel D...Dayton, O.
 Hicks, Clarence E..Indianapolis, Ind.
 Hifner, William D.....
 Independence, Mo.
 Hirschman, Albert C.....
 Indianapolis, Ind.
 Hiser, Winfield S....Richmond, Ind.
 Hoefflin, Alvin V.....Oshkosh, Wis.
 Holder, Frederick M...Cincinnati, O.
 Holzer, Gilbert J...Green Bay, Wis.
 Hornaday, Clarence C.....
 Lawrence, Kan.
 Iler, Harry E.....Peoria
 Johnston, Thomas W.....Normal
 Jones, Joseph Le Roy.....
 Des Moines, Ia.
 Jones, William M.....Bloomington
 Kaho, John F.....Topeka, Kan.
 Keir, Willard.....Waukegan
 Kendall, William A...Reading, Pa.
 King, Margaret H..Indianapolis, Ind.
 Knight, Sadie G....Skowhegan, Me.
 Koehler, Irving G.....Detroit, Mich.
 Koyle, Clarence L.....
 Saulte Ste Marie, Mich.
 Lagergren, Gustaf P...Morgan Park
 Latta, Bertha...West Lafayette, Ind.
 Latta, Pauline...West Lafayette, Ind.
 Lawson, Albert L..Glenwood, Minn.
 Leeman, John S.....Duncan, Okla.
 Lord, Georgina H.....Peoria
 Lund, Ruth A.....Moline
 McArthur, Ethel M....Salina, Kan.
 McCulloch, Margaret.....
 Cedar Rapids, Ia.
 Macdonald, Alexander.....Peoria
 McKee, Lulu F.....Dennison, O.
 Majerus, Nicholas.....
 Campbellsport, Wis.
 Malone, Aaron E.....Quincy
 Manning, Martha L.....
 South Manchester, Conn.
 Martens, Anna E.....Peoria
 Martin, Hattie E.....Peoria
 Mohler, Harold C.....Pana
 Moore, Rolla W....Indianapolis, Ind.
 Moss, Ethelwyn M.....Peoria
 Nelson, Jennie....South Rock Island
 Newell, Aduah C....Des Moines, Ia.
 Newton, Samuel T...Winnipeg, Can.
 Nichols, Ambrose R.S. Omaha, Neb.
 Nicholen, Dale W....Detroit, Mich.
 Nixen, Blanche.....Peoria
 Norris, Albert G.....Sedalia, Mo.
 Nystrom, Esther.....Peoria
 Ogle, Guy M.....Normal
 Parry, Florence L.....
 Salt Lake City, Utah
 Patterson, Laura G.....Peoria
 Paul, Carl E.....Forest City
 Payne, Mrs. Jennie E.....Peoria
 Peters, Ida A.....Peoria
 Peterson, Arthur W.....
 Muskegon, Mich.
 Pfouts, Wendell.....
 New Philadelphia, O.
 Pierce, Helen M.....Lincoln
 Pitman, Max F.....Anoka, Minn.
 Pitney, Orville H.....Peoria
 Polscher, Albert L...Lakewood, O.
 Prunty, Nellie R.....Peoria
 Reynolds, Cora A..Canyon City Tex.
 Riggs, Frederick B...Santee, Neb.
 Ritchie, Harriet E..Cedar Rapids, Ia.
 Roberts, Ashbury....St. Louis, Mo.
 Rosenbarger, Norman E....Lincoln
 Roy, Archie B.....Dundee
 Sager, Charles A.....Hamilton, O.
 Schmidt, Victor R.....Austin, Tex.
 Schneider, Geneva M..Iowa City, Ia.
 Schottler, Arthur E.....
 Grand Rapids, Mich.

Schwartz, Helen L..Vincennes, Ind.	Valby, Nils A.....Superior, Wis.
Selvidge, Harley E.....	Van Deusen, Ella M..Newark, N. Y.
.....Warrensburg, Mo.	Van Plew, John H.....Beloit, Wis.
Sewrey, Urson R.....	Vaughan, Roy B....Winnipeg, Can.
.....Grand Rapids, Mich.	Wallace, William F....Omaha, Tex.
Sherzer, Mary S.....St. Louis, Mo.	Walters, Linzy E.....Newark, O.
Shock, William A..Huntington, Ind.	Webster, Charles D..Tacoma, Wash.
Smiley, Proctor K..Catlettsburg, Ky.	Webster, Mrs. Charles D.....
Speece, Harold E..West Baden, Ind.	.....Tacoma, Wash.
Spencer, Cornelia...Maquoketa, Ia.	Wenger, Alice M.....Cairo
Stowell, Margaret D.....Edelstein	Williams, Simon H., Glen Falls, N. Y.
Strauch, Clara M.....Chadwick	Wilson, Mary A.....Denver, Colo.
Sullivan, Julia R.....Washington	Winchip, Margaret.....Peoria
Swanson, Ida M....Escanaba, Mich.	Wodetsky, Anna C.....Lincoln
Tjaden, Anna H.....Peoria	Worth, Helen M.....Quincy
Trautman, Anna M.....Peoria	Wright, Clara M.....Clinton, Ind.
	Wright, Mary A.....Springfield

SUMMARY OF STUDENTS.

	YOUNG MEN	YOUNG WOMEN	TOTAL
College	66	114	180
Higher Academy.....	64	73	137
Lower Academy.....	91	82	173
Unclassified	3	11	14
Evening Classes.....	42	22	64
Summer School.....	108	66	174
	373	368	742
Horological Department.....			296
			1048
Deduct names counted twice.....			32
			1016

RESIDENCE OF STUDENTS

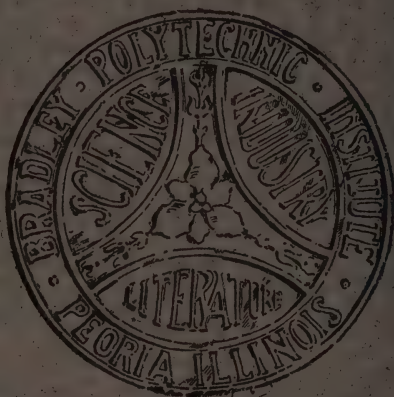
School of Arts and Sciences:		
From Peoria.....	410	
From Illinois (outside of Peoria).....	129	
From other states.....	181	
	720	720
Horological Department:		
From Peoria.....	12	
From Illinois (outside of Peoria).....	26	
From other states.....	258	
	296	296
		1016

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THE HOROLOGICAL DEPARTMENT.

The Horological Department gives practical instruction in Watchwork, Engraving, Jewelry, and Optics. It is open throughout the year, and Students can enter at any time. A catalogue will be sent free upon request.



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Bradley

Polytechnic Institute

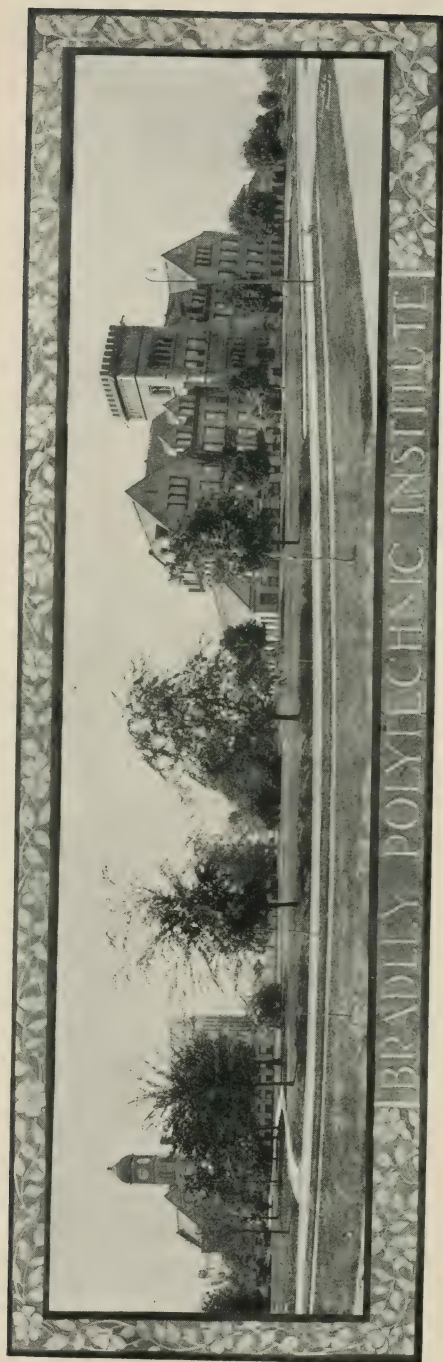
**The School of Arts and Sciences
Bradley Hall**

**Register . . 1911-1912
Announcements for 1912-1913**

**Peoria, Illinois
May 1912**

BRADLEY POLYTECHNIC INSTITUTE
PEORIA, ILLINOIS

FOUNDED IN 1897



A PART OF THE CAMPUS, SHOWING BRADLEY HALL AT THE RIGHT, HOROLOGY HALL AT THE LEFT

IN ADDITION TO THE TWO BUILDINGS SHOWN ABOVE, THE INSTITUTE HAS A FINE NEW GYMNASIUM, TWO LARGE BUILDINGS DEVOTED TO THE WORK OF THE MANUAL ARTS DEPARTMENT, A NEW POWER PLANT, A PRACTICE HOUSE FOR DOMESTIC ECONOMY STUDENTS, AND PLANS ARE ABOUT COMPLETED FOR A GIRLS' DORMITORY.

Bradley Polytechnic Institute

The School of Arts and Sciences

BRADLEY HALL

Register 1911-1912
Announcements for 1912-1913

PEORIA, ILLINOIS

MAY 1912

CALENDAR FOR 1912-1913

September 18.....Wednesday.....Autumn Quarter Begins
October 8.....Tuesday.....Founder's Day
October 11.....Friday.....Annual Lecture Course Begins
October 18.....Friday.....Parents' Meeting
November 28, 29....Thursday and Friday.....Thanksgiving Holidays
December 20.....Friday.....Autumn Quarter Ends

CHRISTMAS VACATION.

January 6.....Monday.....Winter Quarter Begins
February 6.....Thursday.....Day of Prayer for Colleges
February 22.....Saturday.....Washington's Birthday
March 14.....Friday.....Annual Concert
March 21.....Friday.....Winter Quarter Ends

SPRING VACATION.

March 31.....Monday.....Spring Quarter Begins
May 30.....Friday.....Memorial Day
June 13.....Friday evening.....Open Night
June 18.....Wednesday.....Work of Spring Quarter Ends
June 19.....Thursday.....Class Day
June 20.....Friday.....Convocation Day
June 21.....Saturday.....Alumni Day

HISTORICAL SKETCH

MR. AND MRS. TOBIAS S. BRADLEY first conceived the idea of Bradley Polytechnic Institute as a memorial to their deceased children. To assist in forming their plans they visited together a number of educational institutions, but the sudden death of Mr. Bradley in 1867 delayed action for some time. Later Mrs. Bradley took the matter up and formulated her wishes substantially as they are now expressed in the constitution of the Institute. It was her ambition to afford the young people of Peoria and vicinity an opportunity to acquire a practical and serviceable education, and particularly to teach them to work and to regard work as honorable.

It was her intention to provide for a School to be inaugurated after her death, but in the fall of 1896, by the desire of many leading educators of Central Illinois, she determined to erect the buildings and start the School during her lifetime, if possible. Dr. William R. Harper, President of the University of Chicago, was consulted. Under his advice a charter was immediately applied for, and the first meeting of the Trustees was held on the 16th day of November, 1896, and an organization was effected under the University Act of the State of Illinois.

Immediately after the organization of the corporation, Mrs. Bradley entered into contract with the Trustees to provide a sufficient annual income to support the School during her life, and made provision in her will for a permanent endowment, consisting of the greater part of her estate. She also presented the Trustees with a deed for about seventeen acres of ground, situated within the city limits of Peoria, for the site of the Institute buildings, and set apart one hundred and sixty thousand dollars for buildings and equipment; the fund for these purposes was later largely increased. The death of Mrs. Bradley occurred January 16, 1908, just after the close of the first decade in the history of the Institute.

Work was begun April 10, 1897, upon two buildings, Bradley Hall, devoted to general education, and Horology Hall, where instruction is given in Watchwork, Jewelry, Engraving and Optics. These buildings were occupied in October and November respectively. School work was begun October 4, 1897; the formal dedicatory exercises were held October 8th, in the Auditorium of Bradley Hall, and this date has been observed annually with appropriate exercises. In 1904 a station of the United States Weather Bureau was established in a building erected by the Government at the north end of the campus.

During the year 1908-9 a Gymnasium was erected at a cost of \$75,000. It contains a gymnasium for men and also one for women, each with complete equipment. A power plant was erected during this year, 1911-12.

During the Summer of 1911 two large factory buildings on Bradley Avenue adjoining the campus have been remodeled for the use of the Manual Arts Department and the Shops and Drawing classes have been transferred to them.

This catalog contains the records of the fifteenth year, and the announcements for the sixteenth year of the work of the Institute.

TRUSTEES

OLIVER J. BAILEY	Peoria
<i>President</i>	
LESLIE D. PUTERBAUGH	Peoria
<i>Vice-President</i>	
ZEALY M. HOLMES	Mossville
JOHN M. NIEHAUS	Peoria
SAMUEL D. WEAD	Peoria
CHARLES D. THOMAS	Peoria
DABNEY H. MAURY	Peoria

ADVISORS

HARRY PRATT JUDSON	Chicago
ALBION W. SMALL	Chicago

COMMITTEES

<i>Finance</i> . . .	MESSRS. BAILEY, PUTERBAUGH, HOLMES, NIEHAUS, MAURY
<i>Buildings and Grounds</i> . . .	MESSRS. HOLMES, NIEHAUS, WEAD, MAURY
<i>Faculty, Curriculum and Equipment</i>	
. . .	MESSRS. PUTERBAUGH, NIEHAUS, THOMAS, JUDSON, SMALL
<i>Tuition</i>	MESSRS. BURGESS, WEAD, NIEHAUS
THEODORE C. BURGESS	<i>Director of the Institute</i>
CHARLES R. WHEELER	<i>Treasurer</i>
W. W. HAMMOND	<i>Business Manager</i>

FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

FOR THE YEAR 1911-1912

OFFICERS OF ADMINISTRATION

THEODORE C. BURGESS	<i>Director of the Institute</i>
CHARLES A. BENNETT	<i>Superintendent of the Summer School</i>
FREDERICK H. EVANS	<i>Superintendent of Evening Classes</i>
CLARENCE E. COMSTOCK	<i>Recorder</i>

DEANS

ALBERT W. JAMISON	<i>College and Higher Academy</i>
HARRIET KEMP	<i>Women</i>
CHARLES TRUMAN WYCKOFF	<i>Lower Academy</i>

OFFICERS OF INSTRUCTION

THEODORE CHALON BURGESS, Ph.D., *Professor of Greek and Latin.*

A. B., Hamilton College, 1883; A. M., *ibid.*, 1886; Head of Classical Department, Fredonia (N. Y.) State Normal School, 1883-96; Graduate Student in Greek, University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph. D., *ibid.*, 1898; Assistant Professor of Greek, University of Chicago, Summers, 1900-5; Professor of Greek, *ibid.*, Summers, 1906-9; Assistant Professor of Greek and Latin, Bradley Institute, 1897-1904.

CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Arts.*

B. S., Worcester Polytechnic Institute, 1886; Machinist and Draftsman with Brown & Sharp Manufacturing Co. and Putnam Machine Co., 1886-7; Teacher of Manual Training, High School, St. Paul, Minnesota, 1887-8; Principal of Manual Training High School, St. Paul, Minnesota, 1888-91; Professor of Manual Training, Teachers College, New York City, 1891-7; Graduate Student, Harvard University and University of Chicago, one summer each; Editor of *Manual Training Magazine* and of *Vocational Education*; Assistant Professor of Manual Arts, Bradley Institute, 1897-1904.

CHARLES TRUMAN WYCKOFF, Ph.D., *Professor of History.*

A. B., Knox College, 1884; A. M., *ibid.*, 1887; B. D., Chicago Theological Seminary, 1887; Head of English Department, Osaka Middle School, Japan, 1888-9; Instructor of English, Doshisha University, Kyoto, Japan, 1889-91; Lecturer on the History of Sacred Music, Chicago Theological Seminary, 1891-3; Graduate Student of History and Political Science, University of Chicago, 1894-96; Fellow, *ibid.*, 1896-7; Ph. D., *ibid.*, 1897; Instructor in History, Bradley Institute, 1897-1900; Assistant Professor, *ibid.*, 1900-1904.

CLARENCE ELMER COMSTOCK, A.M., *Professor of Mathematics.*

A. B., Knox College, 1888; Instructor in Mathematics and English, Blackburn University, 1888-9; Instructor in Mathematics, Knox College, 1889-92, 1893-94; A. M., Knox College, 1891; Graduate Student in Mathematics, John Hopkins University, 1892-3; 1894-5; University of Chicago, 1895-6; Instructor in Mathematics, Princeton-Yale School, Chicago, 1896-7; Instructor in Mathematics, Bradley Institute, 1897-1902; Assistant Professor, *ibid.*, 1902-8.

WALES HARRISON PACKARD, Ph.D., *Assistant Professor of Biology.*

S. B., Olivet College, 1894; Fellow in Zoology, University of Chicago, 1895-8; Ph. D., *ibid.*, 1908; Instructor in Zoology Marine Biological Laboratory, Woods Holl, Mass., Summers, 1895-99; Research Work, *ibid.*, Summers, 1905-7; Instructor in Physiology, University of Chicago, Summer, 1903; Associate in Biology, Bradley Institute, 1898-1901; Instructor, *ibid.*, 1901-1904.

GEORGE CROMWELL ASHMAN, Ph.D., *Assistant Professor of Chemistry.*

B. Sc., Wabash College, 1895; Graduate Student and Instructor in Chemistry, *ibid.*, 1895-6; Teacher, Physics and Chemistry, Frankfort, Ind., High School, 1896-1901; Teacher Physics and Chemistry, Illinois State Normal School, Charleston, Summer, 1901; Graduate Student, University of Chicago, Summers, 1897-1900; M. S., *ibid.*, 1905; Fellow in Chemistry, *ibid.*, 1907-8; Ph. D., *ibid.*, 1908; Associate in Chemistry, Bradley Institute, 1901-3; Instructor, *ibid.*, 1903-5.

HELEN MARION DAY, B.S., *Assistant Professor of Domestic Science.*

Diploma for teaching Domestic Science, Teachers College, 1903; B. S., Columbia University, 1907; Assistant in Domestic Science, Teachers College, Columbia University, 1903-6; Instructor and Lecturer in Domestic Science, Department of Extension Teaching, Teachers College, 1906-7; Instructor in Domestic Science, Lyndhurst Industrial School, Summers, 1903-1904; Instructor in School of Domestic Science, Chautauqua, N. Y., Summers, 1907-1910; Instructor in Methods of Teaching Domestic Science, Teachers College, Summer, 1911; Instructor, Bradley Institute, 1907-9.

CLINTON SHELDON VAN DEUSEN, M.E., *Assistant Professor of Manual Arts.*

M. E., Cornell University, 1894; Instructor in Mathematics, Keuka College, 1894-5; Instructor in Woodworking and Mechanical Drawing, Frankfort, Ky., 1895-6; Central High School, Minneapolis, 1896-98; Associate in Manual Arts, Bradley Institute, 1898-1904; Instructor, *ibid.*, 1904-9.

FREDERICK CHARLES BROWN, *Assistant Professor of Physical Training.*

Student, Hiram College, 1897-1901; Graduate, Chicago Training School 1905; Instructor, Summer School, Lake Geneva, Wis., 1905; Director of Physical Training, Hiram College, 1905-7; Assistant Supervisor of Physical Training, Cleveland, Ohio, 1907-9.

ALBERT WOODWARD JAMISON, M.S., *Assistant Professor of Physics.*

B. S., Princeton University, 1897; M. S., *ibid.*, 1899; Instructor in Chemistry and Mineralogy, *ibid.*, 1897-9; Chemist, Illinois Sugar Refining Co., 1899-1900; Business, 1900-6; Teacher of Chemistry and Biology, High School, Peoria, Ill., 1906-9; Graduate Student, University of Chicago, Summer, 1910.

CATHERINE COMFORT, B.A., *Assistant Professor of English.*

B. L., University of Minnesota, 1890; Teacher of English in High Schools of Minnesota, 1890-92, 1892-96; Graduate Student in English, University of Minnesota, 1892-93, 96-97; Junior English, East High School, Minneapolis, 1897-1902; Head of Department of English, School of Agriculture, Minnesota, 1902-5; Head of Department of English, Mills College, California, 1905-9; Graduate Student in English, University of Chicago, 1909-10.

MARY BATES BLOSSOM, Ph.B., *Assistant Professor of German and French.*

Teacher in Peoria Public Schools, 1893-6; Student in Berlin, 1900-2; University of Berlin, 1901-2; Guilde Internationale and Sorbonne, Paris, 1905-6; University of Chicago, 1908-9; Ph. B., *ibid.*, 1909; Graduate Student of German and French, University of Chicago, Summer, 1910; Assistant, Bradley Institute, 1902-5, 1906-7.

HARRIET KEMP, A.M., *Instructor in German and Latin.*

A. B., Baker University, 1901, A. M., *ibid.*; Assistant in Modern Languages, *ibid.*, 1898-1901; Teacher Clay County High School, 1901-5; Student at Northwestern University, summer, 1905; Teacher High School, Junction City, Kan., 1905-6; Teacher in Willard School for Girls, Berlin, Germany, 1906-8; Student at the University of Berlin, 1906-8; Teacher of German and Latin, Summer School, Boulder, Colo., 1910; Assistant, Bradley Institute, 1908-9.

ELIDA ESTHER WINCHIP, *Instructor in Domestic Economy.*

Superintendent of Sewing, Kansas State Agricultural College, 1884-97; Associate in Domestic Economy, Bradley Institute, 1898-1904.

WILLIAM FREDERICK RAYMOND, *Instructor in Manual Arts.*

Machinist for Warner and Swasey, Cleveland, Ohio, Worthington Hydraulic Works, New York, and Pittsburg Locomotive Works, Pittsburg, Pa.; Foreman for Pearson & Phelps, Chicago, Ill., 1890-92; Mechanician to the Department of Experimental Engineering, Cornell University, 1892-98; Assistant to the General Foreman, Franklin Air Compressor Works, Summer, 1901; Assistant Manual Arts, Bradley Institute, 1898-1901; Associate, *ibid.*, 1902-1904.

ADELAIDE MICKEL, *Instructor in Drawing.*

Graduate Chicago Art Institute, 1900; Designer for Marshall Field & Co., Chicago, 1900-1; Student, School of Education, Chicago, Summer, 1901; Student, Harvard University, Summer, 1902.

BERTHA MAY SCULLIN, A.B., *Instructor in Domestic Economy.*

Graduate, Bradley Institute, 1903; A. B., University of Chicago, 1906; Assistant in Sewing, Bradley Institute, 1903-5, 1906-9.

FREDERICK HUSTON EVANS, M.E., *Instructor in Manual Arts.*

B. M. E., Kentucky State College, 1903; Draftsman for the Ironton Engine Co., Ironton, Ohio, 1903-4; with Link Belt Machinery Co., Chicago, Summer, 1905; M. E., State College of Kentucky, 1906; Draftsman on Union Stock Yards Power Plant for Sargent & Lundy, Chicago, Summer, 1906.

KATHERINE FEDORA WALTERS, A.B., *Instructor in Latin.*

M. Di., Iowa State Normal School, 1904; A. B., University of Michigan, 1906; Teacher High School, Grand Junction, Iowa, 1898-9; Principal High School, Eldora, Iowa, 1899-1900; Teacher, Keokuk, Iowa, 1900-1; Cedar Falls, Iowa, 1901-4; Assistant, Bradley Institute, 1906-9; Graduate Student, University of Chicago, Summer, 1910; Instructor in Latin, Iowa State University, Summer, 1911.

MARTHA SHOPBELL, B.S., *Instructor in Domestic Economy.*

B. S., University of Wisconsin, 1899; Teacher in Wisconsin High Schools, 1899-1902; Student, Pratt Institute, 1902-4; Graduate, Normal Domestic Science Course, *ibid.*, 1904; Teacher, New York City Vacation Schools, 1903-4; Student, Boston Cooking School, Summer, 1907; Assistant, Bradley Institute, 1906-9.

JOSEPH STITT BIKLE, A.M., *Instructor in Mathematics.*

A. B., Columbia University, 1903; A. M., *ibid.*, 1904; Teacher High School, Hagerstown, Md., 1904-5; New Brighton, Pa., 1905-6; Altoona, Pa., 1906-7.

MARY CAMP SCOVEL, *Instructor in Drawing.*

Graduate, Teachers' Class, Cook Co. Normal Art Department, Pratt Institute, 1900; Student, Dow Summer School, Ipswich, Mass., 1901; Student, Prang Summer School, Chicago, 1902; Student Teacher, Chicago Art Institute and in Public Schools, 1894-98; Instructor in Design and Pottery, Chicago Art Institute, 1900-1907; Supervisor of Drawing, Oak Park, Ill., 1900-1906; Instructor in Drawing, Normal University, Normal, Ill., Summer, 1907; Instructor in Handwork, Extension Classes, Chicago Normal School, 1907-9; Instructor in Design and Craftwork and Normal Method, Ohio State University, Summer, 1911.

JOHN OSCAR LOFBERG, A.B., *Instructor in Latin and Greek.*

A. B., John B. Stetson University, 1905; A. B., University of Chicago, Summer, 1905; Assistant in Latin, John B. Stetson University, 1903-5; Principal of High School, Sleepy Eye, Minn., 1905-7; Graduate Student in Greek and Latin, University of Chicago, 1907-8; Summers, 1906, 1908-11.

ARTHUR FRANK PAYNE, *Instructor in Manual Arts.*

Graduate of Bradley Institute, 1911; Apprentice and Silversmith, Simpson, Hall, Miller Co., Wallingford, Ct., 1892-1900; Silversmith and Sample-Maker, R. Wallace Mfg. Co., Wallingford, Ct., 1900-1906; Special Student in Design, Kettelle School of Art, Boston, Mass., 1906-7; Teacher of Handicraft, Wallingford, Ct., 1907-8; Director, Arts-Crafts School, Columbus, Ohio, 1908-9; Student in Mechanic Arts, Ohio State University, 1909; Student in Manual Training, Ohio State University, Summer, 1909; University of Chicago, Summer, 1911.

VIVIAN BONIFACE, *Assistant in English.*

Student Assistant in English, Bradley Institute, 1908-9; Graduate, *ibid.*, 1909.

ELIZABETH HELEN BURNSIDE, B.L.S., *Librarian.*

B. L. S., University of Illinois Library School, 1907; Penn College, 1901-2, 1903-5; Library experience in Oskaloosa Public Library, Summer, 1906, Galesburg Public Library, Spring, 1907; Library Organizer of Oskaloosa High School Library, Spring, 1908; Reorganized Bradley Polytechnic Institute Library, Summer and Winter, 1908-9; Organized Oregon Public Library, Spring, 1909; Cataloger at Morningside College Library, Spring and Summer, 1909.

FOREST ALMOS FORAKER, M.S., *Assistant in Mathematics.*

B. S., Ohio Northern University, 1903; M. S., *ibid.*, 1905; Instructor in Mathematics, Fairmount Academy, 1903-8; Graduate Student in Mathematics, University of Chicago, Summer, 1907; Columbia University, Summer, 1911.

MABEL A. GRIDLEY, B.S., *Assistant in Chemistry.*

B. S. in Chemistry, University of Illinois, 1909; Instructor in High School, Emporia, Kan., 1909-10.

IRA MYRON HAWLEY, A.B., *Assistant in Biology and Physics.*

University of Michigan, 1909; Instructor in Science, Oak Grove Seminary, Vassalboro, Me., 1909-10; Student, Cornell University, Summer, 1910, 1911.

ETHEL HELEN LYONS, A.B., *Assistant Modern Language.*

A. B., Radcliffe College, 1907; Student at University of Berlin, 1907-8; Teacher of German, Mount Ida School, Newton, Mass., 1908-9.

MAUD SUZANNE ROBINSON, *Assistant in Physical Training.*

Student at Boston Normal School of Gymnastics, 1907-9; Diploma *ibid.*, 1909; Instructor in Minneapolis Park Playgrounds, Summer, 1910.

HELEN GLEASON, *Assistant in Sewing.*

Student at Teachers College, 1909-11; Special Diploma in Domestic Art, 1911.

ELMER DIEDRICH GRAPER, A.B., *Assistant in English.*

A. B., Northwestern College, 1911; Teacher in Public Schools, Gibson Co., Indiana, 1903-1905.

CLARA LOUISE HEUSE, *Assistant in Domestic Economy.*

Graduate of Bradley Institute, 1911.

ROGER THEODORE SCHENCK, *Assistant in Physical Training.*

Graduate of Bradley Institute, 1911.

ELLA WESTLAKE,* *Assistant in Drawing.*

Graduate of Bradley Institute, 1909; Teacher of Manual Training, El Paso, Texas, 1909-10; Graduate Student, Bradley Institute, 1910-11.

MARK H. WHITMEYER,** *Assistant in Architectural Drawing.*

B. S., University of Illinois, 1899; licensed Architect, State of Illinois; practiced at Danville, Ill., 1899-1906; Vredenburgh & Whitmeyer, Champaign, 1906-7; Shank & Whitmeyer, Peoria, Ill., 1907-10; in charge of construction work for Hewitt & Emerson, Peoria, 1910—.

HUGHBERT ANDREW PARSONS,*** *Assistant in Woodworking.*

Rodman in Furniture Factory of Luther Sumner Manufacturing Co., Grand Rapids, Mich., 1887-1890; Assistant Superintendent, Loomis Hart Furniture Co., Chattanooga, Tenn., 1890-1895; Machine Foreman and Assistant Superintendent Sligh Furniture Co., Grand Rapids, Mich., 1895-1909; Superintendent Wilmarth Showcase Co., Grand Rapids, Mich., 1909-1911.

WALTER FRANK SABEL, *Assistant in Woodworking.*

Student, University of Illinois, 1907-8; Assistant Foreman of Machine and Cabinet Departments of Crescent Furniture Co., Evansville, Ind., 1908-11; Foreman Machine Department of Klaemer Goebel Furniture Co., Evansville, Ind., 1911-12.

MERTON LEONARD FULLER, M.Di., A.M., *Lecturer in Meteorology.*

M. Di., Iowa State Teachers College, 1898; Principal, Normal Department, Buena Vista College, Storm Lake, Iowa, 1898-1902; Assistant Observer U. S. Weather Bureau, 1902-1906, serving at Salt Lake City, Utah, Springfield, Ill., Charles City, Iowa, and Hutton, S. D.; in charge, U. S. Weather Bureau Office, Canton, N. Y., 1906-9, Peoria, Ill., 1909—; Lecturer on Meteorology and Climatology, St. Lawrence University, Canton, N. Y., 1906; M. A., St. Lawrence University, 1907; Professor of Meteorology and Climatology, St. Lawrence University, 1906-1909.

*Fall Quarter. **Winter Quarter. ***Resigned, March 1.

STUDENT ASSISTANTS

ANCIENT LANGUAGES

GLADYS A. DITEWIG

ENGLISH

RUTH BLISS
NETTE FULTZ

JOHN M. GOSS
GERALDINE HADLEY

MYRA MENDENHALL

MANUAL ARTS

GRACE C. AVERILL
ARTHUR C. HALL
EMORY L. MAXWELL

THOS. J. RUCKER
EARL A. WARNER
HELEN M. WORTH

PHYSICS

GEORGE CORIELL
HERBERT DAY

RAY FOX
ARTHUR MAHLE

EARLE E. WARNER

MUSIC

MARGARET D. PLOWE (Organ)

ADELINA M. DE LENT (Piano)

OTHER OFFICERS

J. L. CADWALLADER, *Cashier*

ELIZABETH SVOBODA, *Stenographer*

S. D. LYMAN, *Superintendent of Buildings and Grounds.*

HOMER M. BOTTS, *Engineer.*



CHAPEL



BIOLOGY LABORATORY



CHEMISTRY LABORATORY



PHYSICS LABORATORY

ADMISSION

Entrance.—Graduates of the eighth grade will be admitted to the first year of the Lower Academy without examination upon presentation of a certificate of graduation.

Admission to Advanced Standing.—Students who have done work in high schools, academies or colleges will be admitted on presentation of a certificate showing amount and grade of work completed. A blank form for this statement will be furnished upon application to the Director. The student is assigned temporarily to those classes for which he seems to be prepared. At the end of one quarter, if the student's work is satisfactory, the credits from his former school will be accepted in so far as they cover the work of the Institute.

Unclassified Students.—A few students not pursuing a regular course may be admitted to such classes as they may be prepared to take with advantage.

For further information, address the *Director*, Bradley Polytechnic Institute, Peoria, Illinois.

CURRICULUM

THE Courses of Study are arranged so that a student may enter at the end of the common school course and continue through six years' work; gaining, first, a broad and practical general education, and in addition *special preparation* for one of the following pursuits: (1) Business, Mechanical Trades or Technical Work. (2) Advanced Study in a College, University, or School of Engineering. (3) Professional Study in Law or Medicine. (4) Teaching Manual Training or Domestic Science, or Drawing and Manual Training.

Divisions: The six years of study are divided into three two-year periods, as follows:

1.—*LOWER ACADEMY, corresponding to the first two years of a High School Course.* The work of the Lower Academy aims to lay a firm and broad foundation. At this period, in most cases, neither pupil, teacher, nor parents can decide rationally upon the peculiar bent of the pupil's mind; for these two reasons the curriculum for this period is made to include a wide variety of work, and is nearly the same in all groups.

2.—*HIGHER ACADEMY, corresponding to the last two years of a High School Course.* When the student reaches the Higher Academy, some knowledge of his special tastes and aptitudes has been gained. He is then allowed to specialize to a limited extent.

3.—*COLLEGE, corresponding (according to the group) to the Freshman and Sophomore years in a College, University or Engineering School.* In the college the special work is carried forward, with a large amount of freedom, including a certain amount of purely elective work. The College also in-

cludes two courses requiring two years, and three requiring three years, preparatory to teaching Manual Training, and a two years' course preparatory to teaching Domestic Economy.

COLLEGE ENTRANCE AND ADVANCED STANDING

Graduates from the Academy are entered on certificate at the leading colleges and universities, such as Vassar, Wellesley, Smith, Mt. Holyoke, Cornell, Chicago, Michigan, Illinois.

Graduates from the Institute receive credit in other institutions for all work done. Students who have gone from Bradley with advanced standing have been enabled to graduate in two years at Princeton, Smith, Mt. Holyoke, Cornell, Wisconsin, Michigan, Chicago and other institutions of like rank.

Students intending to do advanced work in other institutions may be allowed to arrange their work with this purpose in view.

GROUPS OF STUDIES

For the student who has passed the Lower Academy (except in the Mechanic Arts group, where he has already begun to specialize) four groups of studies are open; one of these he must choose and pursue; the choice ought to be made with the advice of parents and teachers. These groups are as follows:

1. SCIENCE GROUP, which is especially strong in Science and Mathematics, and prepares students for the third year in the college courses leading to the degree of B. S. It offers thorough preparation for medical schools.

2. ENGINEERING GROUP, which is strong in Mathematics, Science, Mechanical Work and Technical Drawing. It prepares students for the third year in the best schools of engineering.

3. CLASSICS GROUP, which is especially strong in Latin and Greek and prepares students for the third year of college courses leading to the degree of A. B.

4. LITERATURE GROUP, which is especially strong in Modern Languages and Latin. It prepares students for the third year of college courses leading to the degree of Ph. B. or B. L.

5. MECHANIC ARTS GROUP, which is designed to meet the demand for training that fits for immediate employment in a great variety of industries requiring a practical knowledge of the mechanic arts. For this reason the course has been made strong in Shopwork, Technical Drawing and Applied Science, and is shorter than the other groups, requiring only four years to complete it. When desired, this line of work may be continued under direction of the Faculty two years longer, thus making it a six-year group. Students showing especial proficiency in Drafting may receive an additional certificate as evidence of that fact.

6. A vocational or industrial school, giving a four-year course for Draftsmen, a two-year technical course for woodworkers, a similar two-year course for metalworkers, and a three-months' course for farmers. *Send for special illustrated circular, giving details in regard to these trade courses.*

TEACHERS' COURSES IN MANUAL TRAINING AND DOMESTIC ECONOMY

I. COURSES PREPARATORY TO TEACHING MANUAL TRAINING.

The requirements for admission to all the following groups of studies are the same—*four years of approved academic work*. This should include English, Mathematics, Foreign Language, Science and History, and, if possible, the elements of Freehand and Mechanical Drawing and Woodworking. A diploma will be given to those who present these entrance requirements and complete any one of the following:

- I. A two-year course (programs A and C given below), for men who wish to *teach or supervise Manual Training in elementary schools*. In C these students will elect Woodworking 31, Constructive Design 43, and Clay and Cement Pottery 41.
- II. A two-year course (programs B and C), for women who wish to teach or supervise *Drawing, Sewing, and Elementary Manual Training in the elementary schools*. In C they will elect Elementary Art 37, and Elementary Handwork 33. This course is especially suited to young women who have already been successful in teaching other school subjects.
- III. A three-year course (programs A, D and E), for men who wish to teach *Woodworking in secondary or vocational schools*. In D and E they will elect Vocational Woodwork 7 and 8, and Architectural Drafting 22.
- IV. A three-year course (programs A, D and E), for men who wish to teach *Metalworking in secondary or vocational schools*. In D and E, they will elect Vocational Metalwork 28 and 29, and Machine Drafting 17.
- V. A three-year course, programs A, F and G for men, or B, F and G for women who wish to *teach the Art Crafts and Design in high schools*, but women will not be allowed to take Woodworking 31, and Pattern-making 6.

Students who before entering the Institute have taken courses equivalent to any of those given below, will be given due credit, but they may be subjected to an examination to determine whether courses taken are equivalent.

PROGRAM OF STUDIES

Figures at the left indicate period in the day; those at the right are course numbers, and refer to department statement, pages 30 to 37.

FIRST YEAR—For Men.

PROGRAM A.

FALL	WINTER	SPRING
1-2 Mechanical Drawing 14	1-2 Freehand Drawing 12	1-2 Freehand Drawing 12
3-4 Woodworking 5	3-4 Woodworking 5	3-4 Woodworking 5
5-6 Metalworking 38	5-6 Metalworking 38	5-6 Metalworking 38
7 Psychology 44	7 English 6	7 History of Education 45

FIRST YEAR—For Women.

PROGRAM B.

FALL	WINTER	SPRING
1-2 Mechanical Drawing 14	1-2 Freehand Drawing 12	1-2 Freehand Drawing 12
3-4 Sewing 7	3-4 Sewing 7	3-4 Dressmaking 8
5 Woodworking 1	5 Woodworking 1	6 Millinery 17
7 Psychology 44	6 Textiles 13	7 History of Education 45
	7 English 6	

SECOND YEAR—For Teachers and Supervisors in Elementary Schools.

PROGRAM C (to be preceded by Program A for men, B for women).

FALL	WINTER	SPRING
1 History of Manual Arts 35	1-2 Teaching Manual Arts 36	1-2 Organization of Manual Arts 34
2 Mechanical Drawing 32	3-4 Design 20	3-4 Elementary Handwork 33 or Constructive Design 43
3-4 Design 20	5-6 Woodworking 31 or Elementary Art 37	5-6 Elementary Art 37 or Clay and Cement Pottery 41
5-6 Woodworking 31 or Elementary Art 37	7 Architectural Drawing 18	

SECOND YEAR—For Teachers in Secondary and Vocational Schools.

PROGRAM D (to be preceded by Program A).

FALL	WINTER	SPRING
1-4 Vocational Woodwork 7 or Vocational Metalwork 28	1-4 Vocational Woodwork 7 or Vocational Metalwork 28	1-4 Vocational Woodwork 7 or Vocational Metalwork 28
5-6 Woodworking 31	5-6 Woodworking 31	5-6 Pattern-Making 6
7-8 Architectural Drafting 22 or Machine Drafting 17	7-8 Architectural Drafting 22 or Machine Drafting 17	7-8 Architectural Drafting 22 or Machine Drafting 17

PROGRAM OF STUDIES—CONTINUED

THIRD YEAR—For Teachers in Secondary and Vocational Schools.

PROGRAM E (to be preceded by Programs A and D).

FALL	WINTER	SPRING
1 History of Manual Arts 35	1-2 Teaching Manual Arts 36	1-2 Organization or Manual Arts 34
2 Mechanical Drawing 32	3-4 Design 20	3-4 Constructive Design 43
3-4 Design 20	5 Economic History 8	5-6 Vocational Woodwork 8 or Vocational Metalwork 29
5-8 Vocational Woodwork 8 or Vocational Metalwork 29	6-8 Vocational Woodwork 8 or Vocational Metalwork 29	

SECOND YEAR—For Teachers of Art Crafts and Design.

PROGRAM F (to be preceded by Program A for men, B for women).

FALL	WINTER	SPRING
1-2 Art Metalwork 42	1-2 Art Metalwork 42	1-2 Art Metalwork 42
3-4 Design 20	3-4 Design 20	3-4 Elementary Handwork 33
5-6 Woodworking 31 or Elementary Art 37	5-6 Woodworking 31 or Elementary Art 37	5-6 Elementary Art 37 or Pattern-Making 6
7-8 Architectural Drafting 22	7-8 Architectural Drafting 22	7-8 Architectural Drafting 22

THIRD YEAR—For Teachers of Art Crafts and Design.

PROGRAM G* (to be preceded by programs A F for men, B F for women).

FALL	WINTER	SPRING
1 History of Manual Arts 35	1-2 Teaching Manual Arts 36	1-2 Organization of Manual Arts 34
2 Mechanical Drawing 32	3-4 Woodcarving 25	3-4 Constructive Design 43
3-4 Woodcarving 25	5-8 Printing and Bookbinding 30	5-8 Clay and Cement Pottery 41
5-8 Printing and Bookbinding 30		

*This course will not be given during the year 1912-13.

II. A COURSE PREPARATORY TO TEACHING DOMESTIC ECONOMY.

Requirements for admission:

Four years of Approved Academic Work.

This should include English, Mathematics, Foreign Language, Science and History. A year of Physics and a year of Chemistry with strong laboratory courses in each, and if possible Drawing, should be included in the high

school course. Any high school subjects which are lacking may be taken at the Institute. This, of course, would mean that a longer time would be needed to complete the work required for a diploma.

So many high schools offer no course in Chemistry that for the present students who enter without it are allowed to take it in the first year (Course 1 below) instead of the more advanced course which others will take.

A diploma is granted to all who present the requirements for admission and complete the program of studies shown below.

Those who present four years of Academic work including Physics and Chemistry should be able to secure the diploma in two years. Those who are given credit on entering for some of the required courses may gain more time for electives and thus secure a broader culture or may obtain the diploma in a shorter time.

For Laboratory work in Cooking each student should have an ample supply of wash shirt-waists, large, plain white aprons with bib, shoulder straps and pocket, hand towels made about 18 inches square of checked glass linen and a holder.

PROGRAM OF STUDIES

DOMESTIC ECONOMY	FIRST YEAR		
	AUTUMN	WINTER	SPRING
	Plain Sewing 7*	Plain Sewing 7	Dressmaking 8
	Cooking 9*	Cooking 9	Cooking 9
	Chemistry 1 or 2	Chemistry 1 or 2	Chemistry 1 or 2
	Home Nursing 12	Textiles 13	Millinery 17
	English 6	Economic History 8	History of Education 45
	SECOND YEAR		
	AUTUMN	WINTER	SPRING
	Food and Dietetics 5	Food and Dietetics 6	Cooking and Sewing 15
	Design 20	House Construction 10	{ Household Adminis- tration 11
	Sewing 16	{ Household Adminis- tration 11	{ Teaching Domestic Economy 14
	Biology 4	{ Teaching Domestic Economy 14	Chemistry 3 or Biology 4
	Psychology 44	Economy 14	English 8
		Bacteriology 5	

*The Sewing and Cooking come on alternate days at the same hour throughout the year, thus in effect forming one class, except for Manual Training Students who take sewing every day.

PROGRAM OF STUDIES BY QUARTERS

NOTE.—Some studies are followed by the course number used in the department statements, pages 18-40; *e. g.*, English 4 is described on page 24 and Biology 4 on page 19, etc. This program shows the general arrangement of studies, but is subject to slight changes from time to time.

LOWER ACADEMY

SCIENCE, ENGINEERING, CLASSICS, LITERATURE GROUPS*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
Latin	Latin	Latin
English	English	Botany
Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing	Woodworking or Sewing, and Drawing
Physical Training	Physical Training	Physical Training

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
Latin ²	Latin	Latin
English ³	English ³	English
Zoology ⁴	Zoology ⁵	Metalworking or Sewing, and Drawing
Metalworking or Sewing and Drawing	Metalworking or Sewing, and Drawing	Physical Training
Physical Training	Physical Training	

MECHANIC ARTS GROUP*

FIRST YEAR

AUTUMN	WINTER	SPRING
Algebra	Algebra	Algebra
English	English	English
Drawing	Drawing	Drawing
Woodworking	Woodworking	Woodworking
Metalworking	Metalworking	Metalworking

SECOND YEAR

AUTUMN	WINTER	SPRING
Geometry ¹	Geometry	Geometry
English ³	English ³	English
Zoology	Zoology ⁶	Civics
Freehand Drawing 12	Freehand Drawing 12	Forging
Framing, Pattern-making	Pattern-Making and Foundry	;

*Statements about these groups may be found on page 10.

¹Four recitations a week in Fall Quarter.

²Students intending to enter the Engineering Group may take German in place of Latin.

³One recitation a week, Fall and Winter Quarters.

⁴Those requiring three years German for college entrance may substitute beginning German for Zoology.

⁵One hour taken out for English in Winter Quarter.

PROGRAM BY QUARTERS—CONTINUED

HIGHER ACADEMY (BY GROUPS)*

	THIRD YEAR			FOURTH YEAR		
	AUTUMN	WINTER	SPRING	AUTUMN	WINTER	SPRING
Science	Physics 1 Modern Lan- guage or Vergil History of Greece Drawing 12	Physics 1 Modern Lan- guage or Vergil English 3 Drawing 12	Physics 1 Modern Lan- guage or Vergil English 4 Solid Geometry	Chemistry 1 Modern Lan- guage Algebra 4 Shop or Cooking	Chemistry 1 Modern Lan- guage or Cicero English 5 Shop or Cooking	Chemistry 1 Modern Lan- guage or Cicero History of Rome Shop or Cooking
Engineering	Physics 1 Modern Lan- guage English 3 Drawing 12	Physics 1 Modern Lan- guage Solid Geometry History of Greece	Physics 1 Modern Lan- guage English 4 History of Rome	Chemistry 1 Modern Lan- guage Algebra 4 Shop	Chemistry 1 Modern Lan- guage English 5 Shop	Chemistry 1 Modern Lan- guage Industrial History Shop
Classics	Vergil Greek 1 Physics 1 History of Greece	Vergil Greek 1 Physics 1 Solid Geometry	Vergil Greek 1 Physics 1 English 3	English 4 Xenophon Algebra 4 Shop or Cooking	Cicero Xenophon English 5 Shop or Cooking	Cicero Homer History of Rome Shop or Cooking
Literature	Vergil Modern Lan- guage Physics 1 History of Greece	Vergil Modern Lan- guage Physics 1 Solid Geometry	Vergil Modern Lan- guage Physics 1 English 3	English 4 Modern Lan- guage Algebra 4 Shop or Cooking	Cicero Modern Lan- guage English 5 Shop or Cooking	Cicero Modern Lan- guage History of Rome Shop or Cooking
Mechanic Arts	Algebra 4 Physics 1 Mechanical Drawing 14 Shop 26	Solid Geometry Physics 1 Architectural Drawing 18 Shop 26	Trigonometry Physics 1 Lettering Shop 26	Steam and Electricity Machine Drafting 17 Graphics 39 Drawing 16	Steam and Electricity Machine Drafting 17 English 3 Drawing 16	Steam and Electricity Machine Drafting 17 English 4 Drawing 16

*Physical Training will be required as the Faculty may determine.

PROGRAM BY QUARTERS—CONTINUED

COLLEGE (BY GROUPS)[†]

Science

Engineering

Classics

Literature

FIFTH YEAR

AUTUMN	WINTER	SPRING
Mathematics 7 Modern Language Biology 3 or Chemistry 2 or Physics 2 Drawing or Domestic Economy	Mathematics 7 Modern Language Biology 3 or Chemistry 2 or Physics 2 Drawing or Domestic Economy	Mathematics 7 Modern Language Biology 3 or Chemistry 2 or Physics 2 Drawing or Domestic Economy
Mathematics 7 Modern Language English 6 Mechanical Drawing	Mathematics 7 Modern Language English 7 Descriptive Geometry	Mathematics 7 Modern Language Shop or Surveying Descriptive Geometry
Modern Language Plato Biology 3 or Chemistry 1 Medieval History	Modern Language Homer Biology 3 or Chemistry 1 Modern History	Modern Language Sophocles Biology 3 or Chemistry 1 Constitutional History
Modern Language Cicero Biology 3 or Chemistry 1	Modern Language Livy Biology 3 or Chemistry 1	Modern Language Horace Biology 3 or Chemistry 1

SIXTH YEAR

AUTUMN	WINTER	SPRING
Physiology English 6 Medieval History	Bacteriology English 7 Modern History	Physiology English 8 Constitutional History
Physics 2 Mathematics 8 Drawing 16 Shop	Physics 2 Mathematics 8 Drawing 16 Shop	Physics 2 Mathematics 8 Drawing 16 Analytic Mechanics
English 6 Cicero Modern Language Drawing or Domestic Economy	English 7 Livy Modern Language Drawing or Domestic Economy	Trigonometry* Horace Modern Language Drawing or Domestic Economy
English 6 Medieval History German 4 Drawing or Domestic Economy	English 7 Modern History German 4 Drawing or Domestic Economy	English 8 Constitutional History Trigonometry* Drawing or Domestic Economy

The program of Studies of the Teachers' Course in Manual Training and Domestic Economy may be found on pages 11-14.

[†]Physical Training will be required as the Faculty may determine.

*In place of Trigonometry Classics students may take English 8 and Literature students continue German 4.

DEPARTMENTS

BIOLOGY

THIS Department aims to present, in so far as limited time permits, both the practical and the important theoretical sides of Biology. It makes especial effort to give good training to students preparing to enter the the study of medicine.

The laboratories are thoroughly equipped with dissecting and compound microscopes and other apparatus necessary for the general work of the department. The equipment is especially complete for the Physiological and Bacteriological work in the College. In connection with the laboratories is the Museum. It consists primarily of the mounted birds, mammals and other biological collections and herbarium of the Peoria Scientific Association. To this has been added a collection of shells and corals presented by several gentlemen of Peoria, a collection of insects from the University of Illinois and a herbarium presented by Miss Heading of Peoria, as well as many smaller gifts.

The library of the department contains many of the best reference books and periodicals in the English language, and at least the most representative foreign publications. The Illinois River, Peoria Lake and the diversified land formations in the neighborhood offer collecting grounds unexcelled in number and variety of life forms. Excursions and collecting tours are often made.

ACADEMY

1. *Elementary Botany (One Major)*. Study of the gross morphology of representative plants with special reference to the ecological value of their structures. Study of problems of pollination and seed distribution. Field knowledge of plant societies. Simple physiological experiments performed by the students. The compound microscope is used, but in individual work the student is encouraged to use his own eyes, supplemented only by a good hand lens. Recitations, three hours a week; laboratory and field work, four or five hours a week. Text-book, Bergen, Essentials of Botany.

2. *Elementary Zoology (Two Majors)*. The common animals studied from the physiological and natural history, rather than morphological, point of view. Special work on insects and birds. Collections, field observations and laboratory work. Recitations, three hours a week; field and laboratory work, four to five hours a week. Text-book, Colton's Descriptive and Practical Zoology.

COLLEGE

3. *General Biology (Three Majors)*. This course is designed primarily for students who are preparing for medicine but it is also open to other students. Introductory study of protoplasm, the cell and its activities. The structure, development and biology of plant and animal types selected to illustrate general principles. The origin and development of life. The evidences of evolution and a study of such problems as natural selection, influence of environment, heredity, etc. Lectures and laboratory, ten hours a week

4. *Human Physiology (Two Majors)*. The structure and functions of the human body. The first term's work is largely Physiological Chemistry, the study of the chemical constituents of the body and foods, the chemistry of the blood, digestion and absorption, secretion and excretion. The second term's work considers the topics of respiration, circulation and animal heat, and the physiology of muscle and nerve and special sense organs. The course is designed for the general student as well as for those specializing in the direction of medicine, and will be helpful also for advanced work in Domestic Science. Lectures and laboratory, ten hours a week. Prerequisite, Elementary Chemistry. Text-book, Howell, Physiology.

5. *Bacteriology (One Major)*. This course is designed to cover a general knowledge of bacteria, yeasts, moulds and other micro-organisms and the application to such subjects as air impurities, water-supplies, sewage disposal, soils, dairying, fermentative industries, food preservation and decomposition, transmission of disease, susceptibility and immunity, sanitation and control of infectious and contagious diseases. The laboratory work introduces general bacteriological methods, the preparation of culture-media and the cultivation and systematic study of a number of common bacteria, the bacteriological examination of air, water, milk, etc. Text-book, Marshall's Microbiology.

CHEMISTRY

The aim of this department is to give a knowledge of the fundamental principles of the science of Chemistry as a part of a general education; to develop the reasoning powers of the student and lead him by actual experiment and observation to a knowledge of the more important substances possessing economic value that are met with in everyday life. Excursions are made to the various industries of chemical interest in and near Peoria.

Laboratory work begins after two weeks and occupies six to eight hours weekly for the remainder of the year. Throughout the course the subject is treated in experimental lectures and recitations, particular attention being given to a clear, concise and definite exposition of the subject and to chemical calculations.

The laboratory work is designed to illustrate the principles studied in the lectures. Quantitative experiments are introduced sufficient to enable the students to understand more clearly the laws of chemical combination.

The department of Chemistry is thoroughly equipped with the best apparatus and supplies used in general and analytical chemistry. The department library is well supplied with carefully selected books and periodicals, and is kept up to date by the purchase of the more important new books as they appear.

HIGHER ACADEMY AND COLLEGE

1. *General Chemistry (Three Majors)*. (a) Characteristics of chemical change, elements, compounds of oxygen, hydrogen, water, chlorine, hydrochloric acid, atomic theory, nitrogen and ammonia. Lectures and laboratory, ten hours a week.

(b) A continuation of the study of non-metallic elements, the halogens, sulphur and nitrogen groups, valence, solution and electrolysis. Lectures and laboratory, ten hours a week.

(c) The chemistry of the metallic elements and their more important compounds. Preparation of a number of common salts and the identification of simple substances. No attempt is made to teach qualitative analysis, but at the end of the course the student should be able to identify any simple salt, and understand the separation of various groups and elements. Lectures and laboratory, ten hours a week. Prerequisite, Physics 1, or its equivalent.

COLLEGE

2. *Advanced General Chemistry and Qualitative Analysis (Three majors)*.

(a) The lectures and recitations on advanced general chemistry deal with the subject as presented in Ostwald's Principles of Inorganic Chemistry; study of the theory of solution, electrolytic dissociation, hydrolytic dissociation, mass action and chemical equilibrium, three hours a week. In the laboratory, reactions of basic and acidic ions, analysis of mixtures, seven hours a week.

(b) First half of term, same as (a); Analysis of complex mixtures, ores, and compounds of rare elements. Second half, Quantitative Analysis; Gravimetric Methods. Lectures and laboratory, ten hours a week.

(c) *Quantitative Analysis* continued. Methods in gravimetric, volumetric and electrolytic determinations. Lectures and laboratory, ten hours a week.

3. *Chemistry of Foods (One Major)*. Lectures and laboratory work in the examination and testing of food materials, including the quantitative determination of the food principles in some of the common, typical foods, ten hours a week. Prerequisite, Chemistry 2, (a) and (b).

DOMESTIC ECONOMY

This department aims to meet the needs of two classes of students, viz.:

(1) Students in the regular courses of the Institute who desire a knowledge of the general principles and facts of household arts and sciences as a preparation for home life.

(2) Students who desire to specialize in Domestic Economy by a comprehensive study of the arts and sciences which are directly connected with the management and care of the home.

The new "Practice House," a seven room cottage near the Institute, affords an excellent opportunity for practical work in various household processes (giving of meals, laundry work, etc.), under the conditions of the ordinary home. This house is made use of by all the students of the department.

A course for the training of teachers is offered in this and related departments. (See page 13.)

The following are the special courses offered by the department of Domestic Economy:

LOWER ACADEMY

1. *Sewing (Two Majors)*. A full course in hand sewing, consisting of basting, hemming, gathering, darning, patching, button-hole practice, etc., machine practice, care of machine, drafting of patterns, cutting and making undergarments.

2. *Sewing (Two Majors)*. Drafting of dress patterns by measurement, cutting, fitting and making dresses with and without lining.

HIGHER ACADEMY OR COLLEGE

3. *Dressmaking (Three Majors)*. The study of fabrics, their special qualities and cost, the taking of accurate measurements, drafting by simple system, economical cutting of material, fitting and finishing garments.

4. *Cooking (Three Majors)*. This course takes up in a general way the various household processes, with special emphasis on the selection, preparation and serving of food. Lectures, recitations and laboratory work.

5. *Food and Dietetics (One Major)*. A critical study of food materials from a chemical, physiological and economic standpoint. The food requirements of the body under varying conditions are considered, and dietaries made. Lectures, recitations and written work.

6. *Food and Dietetics (One Major)*. The application of the preceding course to actual problems—making menus, marketing, preparation and serving of meals. Special methods of working out dietaries. Lectures and laboratory work. Prerequisite, Domestic Economy 5 and 9.

7. *Sewing (Two Majors)*. Laboratory work covering the complete course in plain sewing, hand and machine work, care of sewing machines, drafting, cutting, fitting and finishing simple garments. Students will be required to make a complete suit of undergarments, a shirtwaist, and an unlined dress.

8. *Dressmaking (One Major)*. Study of materials, taking accurate measurements, drafting by system, economical cutting of materials, fitting and finishing of garments.

9. *Cooking (Three Majors)*. The application of heat to food materials. Laboratory work in cooking in large and small quantities.

Prerequisite, Chemistry.

10. *House Construction, Sanitation and Decoration (One Major)*. A study of the home. The course includes (a) lectures on planning with reference to convenience, cost, site, cellar, foundation, materials, framing, finish, plumbing, heating, lighting, furnishing, decoration; (b) planning a house to meet given conditions; (c) making set of working drawings, including floor plans, elevations, details.

11. *Household Administration (One Major)*. The organization and administration of the household, proper division of income under various conditions, economic buying, household accounts, domestic service, care of the house, including the various cleaning processes. Lectures, recitations, assigned readings and practical work.

Prerequisite, Domestic Economy 6 and 10.

12. *Home Nursing, Emergencies and Invalid Cookery (One Major)*. What to do in cases of emergencies, as burns, sprains, cuts, dislocations, fainting, etc.; care of the sick in the home, proper clothing, baths, food. Practice in preparing food for invalids. Lectures, recitations and laboratory work.

13. *Textiles (One Major)*. Production, properties, preparation and treatment of fibers used in textile manufactures. The development of spinning and weaving and modern processes of manufacturing. The laboratory work includes weaving, dyeing, laundering and basketry. Lectures, reading and laboratory work.

14. *Teaching of Domestic Economy (One Major)*. Application of the general principles of teaching to the teaching of the various branches of Domestic Economy in elementary and high schools. Correlation with other studies in the curriculum. History of the development of the domestic economy movement in the United States. Planning courses of study and equipment for specific schools. Practice teaching.

15. *Advanced Course in Cooking and Sewing (One Major)*. This course is intended (a) to give additional practice in cooking, especially in large quantities; (b) practice in demonstrations; (c) practice in applying school-room methods in cooking; (d) additional practice in sewing.

16. *Sewing (One Major)*. This course is designed for normal students who enter without credit in sewing, and others who need work to supplement Sewing 7 and 8. It will include a study of stitches used in decorative art, with application to wearing apparel and household articles.

17. *Millinery (One Major)*. This course includes: (a) The planning and making of a wire frame, and the covering with straw, lace or embroidery.

(b) The study of color, shape and trimming as to suitability and becomingness.

(c) Simple trimming. Use and renovation of old materials.

(d) Making and covering of a miniature buckram frame.

ENGLISH

The work of the department of English has four general aims: 1. Power to speak well and write well. 2. An intelligent love of good literature. 3. A knowledge of the laws which govern expression of thought by words. 4. Familiarity with the chief facts of the history of the English language and literature.

To accomplish the first of these ends, effort is made to improve the everyday spoken and written language of the student; written exercises are handed to the teacher and are returned with suggestions and corrections.

The second end is accomplished by the careful reading of selected works of best authors, with critical study as far as the maturity of the student permits. Care is taken to direct attention to clear and concrete matters of style, and avoid mere vague praise or censure.

A knowledge of the science of Rhetoric and the history of English Literature is gained chiefly in connection with the actual work of composition and the study of masterpieces in the several courses from the very beginning; text-books of Rhetoric and Literature are used for study and reference.

LOWER ACADEMY

1. (a) *Study of Literature*: Two of the following: "Kidnapped," "Treasure Island," "Autobiography of Franklin," "Tales of a Traveller."

Composition: Short Narrations and Descriptions; special attention to spelling, punctuation and sentence structure. Text-book, Hitchcock's Enlarged Practice Book.

(b) *Study of Literature*: "The Lady of the Lake" and "Julius Ceasar."

Composition: Same as course (a) Weekly Themes (*Two Majors*).

2. (a) Twenty themes in once a week courses for the fall and winter quarters. In the fall quarter Exposition and Argumentation are studied; in the winter quarter Description and Narration are reviewed.

(b) *Spring Quarter*. Study of Literature five times a week. The following selections are studied: "The Merchant of Venice," "The Ancient Mariner," "The Vision of Sir Launfal," "Silas Marner," "Deserted Village."

Two weeks given to Grammar review.

HIGHER ACADEMY

3. (a) *Study of Literature*: "Macbeth," "Idylls of the King," "Ivanhoe."

(b) *Composition*: Same work as in Courses 1 and 2 with a careful study of the laws that govern sentence and paragraph structure. Themes required weekly (*One Major*).

Prerequisite, Course 2.

4. *Composition and Prose Reading*: Continued practice in description and narration, with introductory study and practice in exposition and argumentation; themes twice a week, one oral debate before the class. Special attention, in connection with the theme work, is given to rhetorical elements. Study of Webster's Bunker Hill Oration, Washington's Farewell Address, Macaulay's Essay on Johnson, selections from Sir Roger de Coverley Papers, selections from Emerson's Essays.

Prerequisite, Course 3.

5. *Study of Literature* (*One Major*). "The Tempest," "L'Allegro," "Il Penseroso," "Comus" and "Lycidas"; Pope's "Rape of the Lock"; selected poems of Burns; Carlyle's "Essay on Burns." Special attention is given in the history of literature from the Elizabethan period to the Romantic period.

Prerequisite, Course 4.

COLLEGE

6. *Rhetoric and Composition (One Major)*. A more advanced study of the principles of Rhetoric with a careful consideration of the forms of discourse—narration, description, exposition and argument. Themes required weekly.

Prerequisites, Courses 4 and 5.

7. *English Literature (One Major)*. Introductory study of the history of the English language and literature, with accompanying study of selected poetry and prose.

Prerequisite, Course 6.

8. *Advanced Rhetoric and Composition (One Major)*. Short themes required daily; long themes fortnightly. Special attention given to individual correctness and style.

GERMAN AND FRENCH

The Modern Language Department aims (1) to give a clear and intelligible pronunciation of German and French; (2) to enable the student to read easily and accurately, without translation, German and French prose of ordinary difficulty; (3) to give facility in reproducing English text in idiomatic German and French; (4) to lay the foundation for appreciation of modern and classic German and French literature.

GERMAN

HIGHER ACADEMY OR COLLEGE

1. The special purpose of this course is the acquisition of a large vocabulary and of such knowledge of the language as will enable the student to read at sight easy German prose. The texts read form the basis of a thorough drill in inflection, use of particles, the modal auxiliaries, the subjunctive mode and the simpler idioms.

Bierwirth, *Beginning German*; Bacon, *Im Vaterland*; Rosegger, *Der Lex von Gutenhag (Three Majors)*.

2. Review of elementary grammar, study of more advanced grammar, prose composition and sight-reading. Frequent practice in conversation and in "freie Reproduktion" familiarize the student with much colloquial German. In the spring quarter an elective course in scientific reading is offered. Thomas, *Practical German Grammar*, Part I; Bernhardt, *German Composition*. The texts read are the following or equivalents: Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Heyse, *L'Arrabbiata*; Benedix, *Einer muss heiraten*; Gore, *German Science Reader (Three Majors)*.

COLLEGE

3. The essential features of the student's work in this course are constant practice in oral and written expression with a widening range of syntax and idiom, sight translation, a systematic review of grammar. Thomas, *German Grammar*, selections from Part II; Jagemann, *German Syntax*; Pope, *Prose Composition*; Ball, *German Drill Book*. The texts read are the following or equivalents; Freitag, *Die Journalisten*; Scheffel, *Ekkehard*; Sudermann, *Frau Sorge (Three Majors)*.

4. This course aims to extend the student's acquaintance with the best modern prose, as well as with the literary movements of the eighteenth century. Rapid reading, library work, with weekly themes in German or subjects suggested by the course give a stronger grasp of the language. Critical readings of the following texts or equivalents: Goethe, selections from *Dichtung and Wahrheit*; *Egmont*; *Hermann und Dorothea* (read out of class); *Götz von Berlichingen*; *Iphigenie*; Lessing, *Nathan der Weise*; Schiller, *Die Jungfrau von Orleans* (read out of class); *Maria Stuart*; *Wallenstein*; Grillparzer, *Der Traum, ein Leben*; Fulda, *Der Talisman* (read out of class); Hauptmann, *Die versunkene Glocke*. (*Three Majors*.)

Prerequisite, Course 3.

In courses 2, 3, 4, German is the language of the class-room.

FRENCH

HIGHER ACADEMY OR COLLEGE

1. In this course, stress is laid upon the principles of grammar and composition. Reading of easy prose, frequent dictation, memorizing French and practice in conversation aid the student in understanding both written and spoken French. In the spring quarter scientific reading is introduced. Fraser and Squair, *French Grammar*, Part I; François and Giroud, *Simple French*; François, *French Composition*, Part I; Halévy, *L'Abbé Constantin*; Bowen, *First Scientific French Reader*. (*Three Majors*).

2. The study of grammar is continued with more advanced composition. Some of the works of modern authors, as well as some of the classic dramas of the seventeenth century are read. Sight-reading, conversational practice with attention to modern French idiom, dictation and memorizing of French form an important part of the course. Frazer and Squair, *French Grammar*, Part II as reference; Koren, *French Composition*; Armstrong, *Syntax of the French Verb*. The texts read are the following or equivalents: Mérimée, *Colomba*; Sand, *La Mare au Diable* (read out of class); Molière, *Le Bourgeois Gentilhomme*; Bazin, *Contes Choisis*; Hugo, *La Chute*; Paileron, *Le Monde où l'on s'ennuie*. (*Three Majors*.)

The international correspondence plan enables students in this department to enter into correspondence with students in Germany and France.

HISTORY

This department aims (1) to create an intelligent interest in the study of history; (2) to lay a broad foundation concerning the great facts, persons and ideas of history; (3) to stimulate the student to investigate special topics and to form independent judgments, thus preparing him for the higher forms of historical research.

LOWER ACADEMY

2. *Civil Government (One Major)*. An elementary study of the historical development, the structure and administration of local, state and national government in the United States. Attention is given to the general principles which underlie society, and to the duties and privileges of citizens.

HIGHER ACADEMY

3. *Greek History (One Major)*.

4. *Roman History (One Major)*.

From the earliest times to the expansion of the Franks. Influence of the ancient classical civilization and institutions upon succeeding epochs of history. Causes leading to the transition to the medieval age.

COLLEGE

5-6. *European History (Two Majors)*. Following a rapid review of the changes during the Teutonic invasion of the Empire, the course traces the development of European history from the reorganization of the Empire by Charles the Great to modern times. Emphasis is laid on the connection between past and present, and on the more important questions and tendencies of today.

Prerequisite, Course 4.

7. *Topics in the Constitutional History of the United States (One Major)*. This course gives the student an opportunity to do advanced work in the constitutional history of the United States and in allied topics.

Note.—A valuable collection of public documents affords especial facilities for the work of this course.

8. *Economic History of the United States (One Major)*. An advanced course in the study of economic principles, as illustrated in the development of the United States.

9. *History of the United States (One Major)*. An introductory course with special reference to our industrial development.

LATIN AND GREEK

I. LATIN

The instruction of the first two years is designed to qualify the student to understand at sight, in the order of the Latin, a passage of average difficulty; to translate it with sure grasp of vocabulary, form and sentence structure; and to turn into Latin simple and idiomatic English. Especial attention is given to the indebtedness of the English language to the Latin. The readings will be chosen from *Viri Romae*; Caesar, *Gallic War*; Eutropius, *Roman History*; Nepos, *Lives*, or other simple works.

In the Higher Academy, grammatical, biographical, metrical and literary topics receive especial attention. In general, course and method are identical for all students, but to scientific students who elect Latin in the third and fourth years, the department endeavors to give such instruction in word formation as may help to an understanding of scientific nomenclature.

In the college a greatly increased proportion of time can be given to historical and literary study. The reading and writing of Latin, however, still forms the substantial part of the work. Close attention is directed to special points of syntax, style and metre, and the history of Latin literature is studied.

In all courses translation at sight will form a part of the work. Each student will be encouraged to work independent of the class. This usually takes the form of the study of a special topic suggested by the text, or collateral reading in which his own inclinations may be consulted. A Department Library of carefully selected works, including all necessary books of reference, is at his disposal. Photographs and lantern slides are used to illustrate the work of the Department.

LOWER ACADEMY

1. *First Year Lessons (Three Majors).*
2. Caesar and Prose Composition (*Three Majors*).

HIGHER ACADEMY

3. Vergil (*Three Majors*).
4. Cicero, Orations; Prose Composition (*Two Majors*).

COLLEGE

5. (a) Cicero, *De Senectute*; Terence, *Phormio* (*One Major*).
(b) Livy, Book I or XXI (*One Major*).
(c) Horace, *Odes* (*One Major*).

Exercises in Prose Composition accompany (a) and (b). The study of Latin literature is taken up with (c).

II. GREEK

The courses in Greek cover a period of three years, two of which are devoted to Academic work; the third corresponds to the Freshman year of our best colleges. The work, as planned, aims at as rapid acquirement of the elements of the language as is consistent with thoroughness, that there may be the earliest possible introduction to the literary beauties. Especial attention is called throughout to the points of agreement and difference between Latin and Greek, and to the influence of Greek and the Greeks upon modern culture.

Effort is made to add to the interest of the text read, as well as to produce a more definite impression of the culture it represents by illustrations, where appropriate, from Greek life. Photographs and lantern slides in the possession of the Department assist in this direction.

Translation at sight is practiced systematically. Careful attention is given to the development of the power of understanding the text without formal translation.

A special aim of the first year is the acquisition of a large vocabulary, especially related words, and familiarity with idioms.

Composition based on the text, both assigned and extemporaneous, accompanies the prose courses.

Collateral reading and investigation of special topics are encouraged and directed. Students have access to a carefully selected department library.

HIGHER ACADEMY

1. *Elementary Greek (Two Majors)* Xenophon, *Anabasis*, Book I; Prose Composition (*One Major*).

2. (a) Xenophon, *Anabasis*, Books II and III, and Book IV, or selections from Xenophon, *Hellenica (Two Majors)*. Prose Composition.

(b) Homer, *Iliad*, Books I, II and III, with selections from other books (*One Major*).

COLLEGE

(a) Plato, *Apology* and *Crito (One Major)*.

(b) Homer, about 12 books of the *Odyssey (One Major)*.

(c) (1) Selections from Lysias and Demosthenes or (2) Euripides, *Alceste* or *Medea*; Sophocles, *Antigone (One Major)*.

Exercises in writing Greek and Grammar Review, will accompany courses (a) and (c). The history of Greek literature will be studied in connection with (c).

MANUAL ARTS

This department gives (a) instruction in Manual Training and Drawing to boys of the Lower Academy; (b) instruction in Drawing to girls of the Lower Academy; (c) advanced courses in Drawing, Painting and Designing to students in the Higher Academy and College; (d) courses in Shopwork, Drawing and Engineering of direct practical value to young men who desire to fill positions of responsibility in industries where a knowledge of both the theory and practice of the mechanic arts is required; (e) a course designed to prepare students to become machine draftsmen; (f) vocational courses for woodworkers and metalworkers; (g) courses in Shopwork and Drawing, equivalent to those of the first two years in Colleges of Engineering, to young men who are working toward a degree in engineering; (h) normal training to both men and women who wish to teach the manual arts in elementary, high or vocational schools.

WOODWORKING

1. *Woodworking (Two Majors)*. This is a manual training course given for its general educational value, and is required of boys in the first year of the Lower Academy. During the first quarter the work involves the use of bench tools in the construction of articles useful in school or at home. The second quarter is devoted to projects involving both construction and decoration; the third quarter to wood-turning.

5. *Woodworking (Three Majors)*. This course is intended to give a good fundamental experience in woodworking processes. Each tool is used enough to enable the student to gain confidence in using it. In addition to the use of the more common hand tools work is given in elementary wood-carving, inlaying, wood-turning, elementary furniture construction and tool sharpening, and a study is made of forestry, lumbering, wood, nails, screws, glue and other materials used in connection with woodworking. The care and use of woodworking machinery in getting out stock is also taken up in this course.

Prerequisite, Manual Arts 1.

6-9. *Pattern-Making and Foundry Practice (Two Majors)*. This is a course in which the fundamentals of both pattern-making and foundry work are given. Patterns are made involving a working knowledge of the usual pattern allowances and a variety of methods in pattern construction. In the foundry work experience is given in molding, core-making and casting, and this is supplemented by lectures and demonstrations.

Prerequisite, Manual Arts 1.

7. *Vocational Woodwork (Three Majors)*. In this course emphasis is placed on practical work with machinery in a woodworking factory turning out a high-grade commercial product, but the course includes work in house

carpentry and pattern-making. Four hours a day, six days a week, one year. For statement concerning equipment and for list of evening courses in wood-working, send for catalogue of the Vocational School for Woodworkers, Metalworkers and Draftsmen.

Prerequisite, Manual Arts 5.

8. *Vocational Woodwork (Three Majors)*. This is a continuation of Course 7. In this course students get some experience as rodmen and foremen and during the spring quarter are given a course in methods of teaching woodworking in secondary and vocational schools.

Prerequisite, Manual Arts 7.

31. *Woodworking (Two Majors)*. This is a comprehensive course for prospective teachers of manual training. Many of the processes studied in Course 5 are taken up in review; special consideration is given to methods of teaching them, and a more detailed study is made of the tools used. Courses of instruction are planned and criticized. Students prepare and give demonstrations before the class.

Prerequisite, Manual Arts 5.

METALWORKING

2. *Metalworking (Two Majors)*. This is a manual-training course in cold metal working and is required of boys in the second year of the Lower Academy. It consists of a large number of processes fundamental in metalworking. Among them are chipping, filing, grinding, fitting, polishing, beating, drilling, riveting, soldering, turning, spinning, and the hardening and tempering of steel. It includes work in cast iron, wrought iron, sheet iron, steel, brass, zinc, tin and copper. The problems given result in such things as hammers, wrenches, hinges, escutcheons, trays, lanterns and dishes, and a great variety of other objects. During a part of the course, students are instructed in the fundamental principles of design, and to work from their own designs. The development of surfaces as a means of making patterns is also taught. Attention is given to the study of metallic ores.

10. *Forging (One Major)*. This course includes instruction in building and handling the forge fire; in the use of the hammer, anvil, tongs, and the other tools of the forge shop; and the forging and welding of iron and steel. It also includes forging, hardening and tempering tools.

26. *Machine-Tool Work (Three Majors)*. This course comprises exercises in the use of machine tools and the making of small tools and parts of machines. It involves the standard processes of machine shop practice.

Prerequisite, Manual Arts 2.

27. *Machine-Tool Work (Three Majors)*. This is a course in machine shop for students who wish to get advanced credit in engineering college

courses. It covers the fundamental processes of machine tool work and gives some practice in machine construction.

Prerequisite, Manual Arts 2.

28. *Vocational Metalwork (Three Majors)*. This course consists of practical experience in a well equipped machine shop organized as a factory and producing a high-grade commercial output. Four hours a day, six days a week, one year. For further statement concerning equipment and for list of evening courses in metalworking, send for catalogue of the Vocational School for Woodworkers, Metalworkers and Draftsmen.

Prerequisite, Manual Arts 38.

29. *Vocational Metalwork (Three Majors)*. This is a continuation of Course 28 to which is added short courses in forging, piping and millwright work. During the course some experience will be gained in engine and automobile work. Students will get some experience as foremen.

Prerequisite, Manual Arts 28.

38. *Metalworking (Three Majors)*. This course covers a large number of fundamental processes in cold metal working. It includes chipping, filing, fitting, polishing, drilling, riveting, turning, threading, soldering, spinning, grinding, hardening and tempering, and the development of surfaces in the making of patterns; also hammered metal work, involving cutting, saw piercing, raising, finishing and coloring, and copper and silver plating. The metals used are iron, steel, tin, brass, aluminum, copper and silver. A study is made of metallic ores, and of the relation of the industrial processes to chemistry and other sciences. The course also includes instruction in designing for metalwork.

ENGINEERING

24. *Steam and Electricity (Three Majors)**. This course includes (a) study of the principles of thermodynamics, especially as they apply to the steam engine; (b) study of the various classes of steam engines and boilers; (c) testing engines and boilers; (d) practice in firing boilers and running pumps and engines; (e) practical work in wiring, setting up and testing primary batteries, storage batteries, bells, incandescent and arc lights, telephones, telegraph instruments and dynamo-electric machinery. It also includes a large amount of theoretical work in each of the subjects taken up.

Prerequisites, Manual Arts 1 and 2, Physics 1, Mathematics 5.

40. *Steam (One Major)*. This course is a general study of the steam power plant—pumps, boilers, steam engines and condensers—preparatory to thermodynamics.

Prerequisites: Must either have had or be taking Physics 2.

*This course will not be given in 1912-1913.



A CORNER OF THE COOKING LABORATORY



IN THE SEWING ROOM



A CLASS IN LATIN



THE MANUAL ARTS BUILDINGS

MACHINE AND ARCHITECTURAL DRAWING

1. *Mechanical Drawing (One Major)*. This course in the elements of mechanical drawing runs parallel with Woodworking 1. In the early part of the course emphasis is placed upon working drawings; later, the theory of projection is taken up, also the study of developments of geometric solids. Text: Bennett, *Problems in Mechanical Drawing*.

14. *Mechanical Drawing (One Major)*. This course is intended to give a thorough grounding in geometrical construction, orthographic projection, developments and intersections, and sufficient practice in the use of instruments to enable students to take up readily the work in Architectural Drawing, Machine Drawing or Descriptive Geometry, which follows. Text: Anthony, *Mechanical Drawing*.

Prerequisite, Manual Arts 1.

15. *Descriptive Geometry (Two Majors)*. A course covering work in plane projections, dealing with point, line, surface and solid. Special emphasis is laid upon the discussion and solution of original problems, and upon the study of the theory of surfaces. Text: Randall, *Elements of Descriptive Geometry*.

Prerequisites, Manual Arts 14 and Mathematics 3.

16. *Machine Drawing and Design (Two Majors)*. This course includes (a) making drawings of standard machine parts, making working sketches and drawings from machines, and assembly drawings from working drawings; (b) calculations for proportioning, and designs of bolts, keys, journals, bearings, couplings, feed screws, gears and cams, with a study of tooth forms.

The course aims to prepare students for further work in engineering schools. Text: Smith and Marx, *Machine Design*.

Prerequisites: Must have taken or be taking Physics 2, Manual Arts 6 and 26, and must have taken Manual Arts 14.

17. *Machine Drafting (Three Majors)*. This vocational course supplements Course 16, and places emphasis on technique, speed and accuracy. Instruction is given in the use of the slide rule, in drafting room system, and keeping of data. The students pursuing this course will be kept on practical drafting work involving engine construction, machine tool design, installation plans, or whatever may be available until proficiency is acquired.

Students who have completed the work of the Mechanic Arts group of studies as outlined on pages 15 and 16 and have met the requirements of proficiency in this course are awarded a special draftman's certificate.

18. *Architectural Drawing (One Major)*. This course consists in making floor plans, elevations and details of summer cottages, farm buildings

and suburban houses. Students consult published plans and plans loaned by local architects. Text: Edminster, *Architectural Drawing*.

Prerequisite, Manual Arts 14.

21. *Lettering (One Major)*. This course is a study of Roman and Renaissance alphabets with practice work in lettering, looking toward architectural drafting and designing. Text: French and Meiklejohn, *The Essentials of Lettering*.

Prerequisite, Manual Arts 12.

22. *Architectural Drafting (Three Majors)*. This is a vocational course for woodworkers and draftsmen. Students in this course are given practical work on plans, elevations and details of buildings and on drawings for interior finish and furniture. To a considerable extent drafting office methods are employed.

Prerequisite, Manual Arts 14.

32. *Mechanical Drawing (One Major)*. A course arranged to meet the needs of teachers of manual training. The work consists of (a) a review of elementary mechanical drawing, (b) more practice in making working drawings, (c) a study of lettering, and (d) methods of teaching drawing.

39. *The Graphics of Machine Design (One Major)*. This course teaches the mathematical solution of problems in machine design by graphic methods, including testing for interference of moving parts, the theory and construction of graphical charts for determining the proportion of machine parts, the construction of templets, etc.

Text-book, *Construction of Graphical Charts*, Peddle.

Prerequisites, Plane Geometry, Algebra 4, Plane Trigonometry 5. Must either have taken or be taking Manual Arts 17.

FREEHAND DRAWING

2. *Freehand Drawing (One Major)*. During the first two quarters of the year this course correlates with Metalworking 2. The color study of the course is applied in tile setting. The third quarter is devoted to the principles of perspective and still-life drawing.

3. *Freehand Drawing (One Major)*. A course in pictorial and decorative drawing required of girls in the first year of the Lower Academy. The first quarter is devoted chiefly to still-life drawing in outline and color. Such objects as books, boxes and vases are used for models. Elementary work in design is added, and in the second quarter landscape composition is taken up. The third quarter is devoted to nature drawing.

4. *Drawing (One Major)*. This course is required of girls in the second year of the Lower Academy. The second half-year is given to mechanical drawing, the first to practical work and design, centering upon needlework. The latter involves the study of color combinations and the laying on of flat tints with water colors.

12. *Freehand Drawing (Two Majors)*. (a) Outline and light-and-shade drawing from models, casts, furniture and still-life, using pencil, charcoal, pen and ink and water color. (b) Lectures on freehand perspective and the history of art. For home work in connection with this course pupils are advised to read Tarbell, *History of Greek Art*, and Goodyear, *Roman and Medieval Art*.

Prerequisites, Manual Arts 1 and 2 or 3 and 4, or equivalent.

13. *Freehand Drawing (One Major)*. A continuation of Course 12, adding pictorial composition and outdoor sketching in water color, pencil, and pen and ink, and talks on perspective of shadows and reflections. Pupils taking this course are advised to read Goodyear, *Renaissance and Modern Art*, or some other book on the history of art which is approved by the teacher.

Prerequisite, Manual Arts 12.

19. *Drawing from the Antique (Three Majors)*. This course includes (a) drawing the full human figure and various details from the cast, ending with the draped live model and the human head; (b) history of painting by means of pictures, talks and text-book—Van Dyke, *History of Painting*.

37. *Elementary Art (Three Majors)*. This course deals with typical forms of art and constructive work suitable for children in the elementary schools, and practicable under the conditions of the ordinary schoolroom. The work involves the study of color, representation drawing, design, modeling, the elements of mechanical drawing and constructive work. It is a comprehensive course designed to meet the needs of those who are to become supervisors of art and handwork in the elementary schools.

Prerequisite, Manual Arts 12 and 14, or equivalent.

ART CRAFTS AND DESIGN

20. *Design (Two Majors)*. This course consists of problems in (a) theory of color, (b) theory of design, (c) applied design, and (d) mechanical perspective. In connection with applied design, instruction is given in tooled leather work and stenciling.

Prerequisite, Manual Arts 12 or equivalent.

25. *Wood-Carving** (*Two Majors*). This course consists of (a) elementary problems to give experience in handling tools, (b) decoration of furniture, (c) designing for carving.

Prerequisite, Manual Arts 20.

30. *Printing and Bookbinding (Two Majors)*. This course gives practical experience in a well-equipped print shop organized on a commercial basis. Four hours a day, six days a week, two quarters.

Prerequisite, Design 20.

*This course will not be given during the year 1912-13.

33. *Elementary Handwork (One Major)*. This course includes (a) bookbinding and (b) clay work. The problems given are such as may be used with profit in the elementary schools.

41. *Clay and Cement Work** (One Major). This is a practical course in garden pottery. Four hours a day, six days a week, one quarter.

Prerequisite, Manual Arts 20.

42. *Art Metal Work and Jewelry (Three Majors)*. This course covers all the fundamental constructive and decorative operations in artistic metal-working—raising, seaming, fluting, paneling, etching, saw piercing, repousse and chasing, coloring and finishing, enameling, filigree work and all the various kinds of stone setting, resulting in a wide variety of problems in copper, brass, aluminum, silver and gold. A thorough training in the principles and rules of design is a fundamental part of the course, as the design and construction factors are equally balanced. A study is made of gems and gem minerals.

The course also includes instruction in methods of teaching art metal-work and design and in suitable equipments for grammar and high schools.

Prerequisite, Manual Arts 20 and 38.

43. *Constructive Design (One Major)*. This course builds upon knowledge gained in several previous courses, and gives experience in designing for woodworking. Special attention is given to objects suitable for school problems.

Prerequisites, Manual Arts 5, 18 and 20.

PEDAGOGY

34. *Organization of the Manual Arts for Educational Ends (One Major)*. This course includes (a) organization of manual training and art work in different kinds and grades of schools, (b) study of courses of instructions, (c) study of equipments, (d) planning equipments in detail to meet given conditions, (e) economic and engineering problems arising in equipping for manual training work. Lectures, discussions, reading, written work, and a thesis at the end of the course.

35. *History of the Manual Arts in Education (One Major)*. This course covers (a) a brief review of the educational theory and practice of Pestalozzi, Froebel and other educational reformers, (b) educational handwork in European countries, (c) the development of manual training, art instruction and industrial education in the public schools of the United States, (d) present problems. Lectures, discussions, reading and written work.

36. *Teaching Manual Arts (One Major)*. In this course, (a) the principles of teaching are presented with special reference to the manual arts, (b) methods of teaching are considered, (c) and typical lessons observed, taught and discussed. Lectures, discussions, reading, written work, and practice teaching. Text: Thorndike, *Principles of Teaching*.

44. *Psychology (One Major)*. A course in general psychology given

*This course will not be given during the year 1912-13.

with special reference to education and teaching. Text: Thorndike, *Elements of Psychology*.

Prerequisite: Graduation from the Academy or a four-year high school.

45. *History of Education (One Major)*. The aim of this course is to discover causes and trace out important courses of educational development in the past as a basis for the study of present educational problems. Text: Monroe, *A Text-book in the History of Education*.

NOTE.—For additional courses given by the Manual Arts Department, see Summer School circular, Evening School circular, and Catalogue of the Vocational School for Woodworkers, Metalworkers and Draftsmen.

MATHEMATICS

From the very start the Department regards mathematics as a method of science and endeavors to impress its vital importance by its applications as well as by the logical development of the subject. It is sought to lead the student to some appreciation of the nature and the scope of the realm of mathematical thought, and to give him an intelligent knowledge of how and why results have been obtained, and how and for what purpose they may be used, either in physical science or in the development of mathematical science. The student is led to think out his mathematics.

The Mathematical Laboratory is equipped with suitable physical and mathematical apparatus, modeling frames, spherical blackboards and other devices, drawing instruments and colored crayons. A well selected library is always at the service of students and teachers.

LOWER ACADEMY

1. *Algebra (Three Majors)*. This course is designed to make the transition from arithmetic to algebra with the least abruptness possible by extending the theoretic processes of arithmetic to algebraic symbols, and to develop a thorough ability to handle the fundamental operations and the solution of linear and quadratic equations as a basis for subsequent mathematics.

2. *Plane Geometry (Three Majors)*. Emphasis is placed upon the original solution of problems and theorems. In this course it is aimed to correlate algebra and geometry and to illustrate the application of geometry to constructive drawing, elementary physics, engineering and other practical problems. Some use is made of sines, cosines and tangents in the solution of triangles.

Prerequisite, Mathematics 1.

HIGHER ACADEMY

3. *Solid Geometry (One Major)*. The more essential theorems of the subject are given. Some time is devoted to the construction of models and the solution of practical problems. Attention is given to computation errors in reducing data obtained by measurement.

Prerequisite, Mathematics 2.

4. *Algebra (One Major)*. This is a continuation of Course 1, but gives a more extended and scientific treatment of subjects treated in that course. Other subjects are added, such as simultaneous equations, inequalities, and logarithms. It demands of the student the power to use Algebra as well as the ability to understand it.

Prerequisite, Mathematics 2.

COLLEGE

5. *Plane Trigonometry (One Major)*. Emphasis is placed upon accuracy of computation and the ability to handle the formulae in the transformation of functions and the solution of trigonometric equations.

Prerequisite, Mathematics 4.

7. *Mathematics (Three Majors)*. This course takes up topics usually given in courses in College Algebra, Trigonometry, Analytic Geometry and Calculus, and treats them in a consecutive and homogenous manner. The more elementary and simpler portions of these subjects are considered, leaving the more complicated parts until the following year.

Prerequisite, Mathematics 3 and 4.

8. *Mathematics (Three Majors)*. This course is in continuation of Course 7, and includes Algebra, Analytic Geometry, Differential and Integral Calculus and Differential Equations, and their application to physical and mechanical problems.

Prerequisite, Mathematics 7.

9. *Surveying (One Major)*. A general course in the elements of Plane Surveying. Practice is given in the use of chain, tape, compass, level, transit, stadia. Practical problems are set and accurate plats are made.

Prerequisite, Mathematics 5 or 7.

10. *Analytic Mechanics (One Major)*. This course deals with the fundamental principles of the mechanics of engineering. It aims to establish these principles and emphasize their value by applying them to numerous engineering problems. The student is given a careful training in the use of mathematics as applied to such problems and in the use of engineering data.

Prerequisite, the student must either have had or be taking Mathematics 8.

PHYSICAL TRAINING

The Department of Physical Training has supervision over all Gymnastic and Athletic activities. It is the aim of the department to give the students such exercises, games and sports as will best create and maintain a vigorous physical health. It endeavors to reach a large number of students, especially the weak and undeveloped, and to give exercise that will be within the capacity of each student.

The gymnasium is one of the largest and best equipped in the state. On the ground floor are to be found bowling alleys, pool tables, a swimming pool, showers and lockers. On the second floor besides the necessary offices are the gymnasium for men, another for women, club rooms and a lecture room. On the third floor is located a large social hall. Each gymnasium

contains all the necessary apparatus and equipment for systematic physical training.

A large athletic field is provided for the use of students and all Inter-collegiate and Interschool games and meets are held here. The field is equipped with two baseball diamonds, a quarter mile cinder track, jumping and vaulting pits. Eight tennis courts are maintained by the Institute, three on Bradley Avenue and five north of the gymnasium.

All athletic activities are under the direct supervision of thoroughly trained instructors.

A required physical examination is given to all students. Upon the basis of this examination special exercise and advice is given according to the needs of the individual student.

PHYSICAL TRAINING COURSES

I. FOR MEN

Courses for men include: (1) Marching, (2) Calisthenics, (3) Light Apparatus Work, (4) Athletics.

Note.—The Physical Training Department aims to create and supervise athletic sports for students of all ages and sizes. To this end soccer football, basketball and baseball leagues are operated in their respective seasons. These leagues are open to students who do not represent the school in inter-collegiate contests. Suitable trophies are awarded to the winners of each league.

II. FOR WOMEN

A physical examination is made of all women in the department by the director during the early part of the fall term. Well regulated physical exercise is then given to meet the needs of every student.

Physical exercise consisting of a graded, systematic course of healthful, body building exercise and recreation is required three hours per week during the first two years of each student's residence at the Institute.

(A uniform gymnastic suit is required and student should consult the director before procuring one.)

FIRST YEAR

Elementary Class Work in Swedish Gymnastics:

(a) To awaken a healthful interest in bodily exercise and a spirit for play through co-operative games.

(b) To lessen the cerebral circulation after mental work of the classroom.

(c) To correct faulty positions in standing and walking as, round shoulders, forward head, flat chest, and slight cases of spinal curvature.

SECOND YEAR

More advanced Class Work with Apparatus. Physical Balance Work, Folk Dancing, Aesthetic Dancing.

The fall and spring quarters are devoted to out of door sports. Field Hockey, Basketball, Indoor Baseball and Tennis.

PHYSICS

The Physics Department is housed in six rooms; a large lecture room provided with desk-arm chairs and seating fifty students, large instructor's table fitted with water, gas and electricity, lantern with reflectoscope and vertical projector, dark shades, apparatus cases well filled with good apparatus to which additions are constantly being made. A laboratory designed to accommodate sixty-four students in four classes of sixteen each. Like the lecture room the laboratory is provided with a good selection of apparatus and it is being brought up as rapidly as possible to an outfit capable of caring for the eighty students now taking the subject. In addition there is a large photometry laboratory equipped with a three metre optical bench, Lummer-Brodhun photometer, compound universal rotator, while a Reichsantalt Hefner lamp and conduit connections with the storage battery provide for high-grade work in lamp and light testing and measurement. A second small photometry room is available for elementary work and has in connection a dark room for photography having running water and both artificial and natural red light. In the laboratory there is a physics library of some five hundred volumes. New books are frequently purchased and a number of the best scientific and electrical papers and magazines are regularly received. Later these are bound.

An important change in the housing has already provided a new and improved lecture room and an additional laboratory is now being equipped for Physics 1. Thus the present laboratory will be available for Physics 2 without interruption. In addition an excellent shop will be in use. These added facilities will greatly increase the efficiency and economy of the work.

HIGHER ACADEMY

1. *Elementary Physics Course (Three Majors)* required of all third year Academy students. A general course in Mass and Molecular Mechanics, Heat, Light, Sound, Electricity and Magnetism, with three recitations and two double-hour laboratory periods per week. Applications to daily life are frequently made. The aim of the course is to give a thorough grounding in the elements of this fundamental science, to give a general knowledge of the whys and hows of common everyday happenings, and to train the mind to habits of careful observation and reasonably accurate deduction. Text: Millikan and Gale, *First Course in Physics*.

Prerequisites, Algebra and Plane Geometry.

COLLEGE

2. *Advanced Physics Course (Three Majors)* is given in the second year of the college. It is intended primarily for those expecting to take further work along engineering lines, or those whose later college work demands a second course in Physics. The work covers somewhat the same ground as the elementary course, but in an advanced way in every particular. The treatment is more mathematical, and the experiments while fewer in number are more difficult and a much greater degree of accuracy is required. Text: Duff, et al, *Text Book of Physics*; Miller, *Laboratory Physics*.

It is exceedingly desirable that the student have had or be taking Mathematics 7.

Prerequisites, Physics 1 and Plane Trigonometry.

GENERAL INFORMATION

DIPLOMAS, DEGREES AND CERTIFICATES

DIPLOMAS will be granted to all students who creditably complete the work of any group of studies in the curriculum. On graduates of the Science, Engineering and six-year Mechanic Arts Groups, the degree of Associate in Science will be conferred; on graduates of the Classics Group, the degree of Associate in Arts; on graduates of the Literature Group, the degree of Associate in Literature. The Academic certificate will be given to students who creditably complete the work of any group through the Higher Academy.

The following regulations should be noted:

No student shall receive a diploma who has not been in the Institute at least three quarters.

For a diploma or Academy certificate from the Science, Engineering, Classics, or Literature Groups, a student who enters the Institute from another institution will be required to do work in Manual Training equal in majors to the number of majors required in the group from the time he enters.

EXPENSES

Tuition. The charges for tuition are as follows: Full work (3 or more classes), \$20.00 per quarter; 2 classes, \$15.00 per quarter; 1 class, \$10.00 per quarter. There are three quarters in the school year. Students absent six weeks or more in any quarter on account of illness or other good cause, may receive a reduction in the fee. Each student pays a gymnasium fee of one dollar per quarter. *Necessary text-books are provided by the Institute free of charge.* Tuition fees should be paid during the first two weeks of each quarter. Neglect to do so will render students liable to be refused admittance to classes. Checks should be made payable to Bradley Polytechnic Institute.

A special circular in regard to the Vocational School, the Farmers' Courses and the Evening Classes will be sent upon request.

In some cases students are allowed to pay part or all of their fees by work done for the Institute. Application for such work should be made as early as possible to the Director. Applicants must furnish evidence of (1) good character and habits (2) ability and earnestness, (3) inability to pay the full fee in cash.

Board and Lodging. Board and room can be obtained in the vicinity of the Institute at reasonable rates. The Institute will make special efforts to secure satisfactory conditions as to boarding and rooming accommodations in the neighborhood. A list of boarding places is kept on file at the general office. Persons who wish to furnish room or board to students should communicate with the Institute. A dormitory for girls is in process of erection.

SCHOLARSHIPS

I.—SCHOLARSHIPS IN THE INSTITUTE

(a) *The Institute grants scholarships to the value of \$60.00 each, covering tuition in the College for a year—*

1. Two scholarships to members of the class graduating from the Academy, awarded by the Faculty.

2. Two scholarships to the two graduates having the highest rank in each of the Peoria High Schools. These are now held by Ruth King and Cora M. Staedali; Walter Stephenson and Stella Pool.

(b) *The Institute grants scholarships of the value of \$60.00 each, covering tuition in the Academy for a year—*

1. A scholarship to the boy and to the girl standing highest in the Peoria county examination for the Eighth grade. These are now held by Henry Doubet and Elizabeth Siegel.

2. A scholarship to the boy standing highest in the Tazewell county examination for the Eighth grade.

(c) *The Board of Supervisors of Tazewell County gives a scholarship to the girl standing highest in the Tazewell County examination for the Eighth grade. This Scholarship is now held by Katherine B. Stuckey.*

II.—SCHOLARSHIPS IN THE UNIVERSITY OF CHICAGO

The University of Chicago grants each year to Bradley Institute, two scholarships. These scholarships are awarded by the Faculty of the School of Arts and Sciences to graduates of the Institute. The scholarships are of the value of \$120.00 each, covering one year's tuition in the University of Chicago. One of these is now held by Helen M. Nixon.

VOCATIONAL SCHOOL

In September, 1912, the Institute will open a vocational or industrial school, fitting for entrance into a variety of occupations.

(1) A four year course for *Draftsmen*, including Mechanical, Machine, and Architectural Drawing and other subjects helpful to a draftsman.

(2) A two year course for *Woodworkers*, including the elements of house carpentry, mill work, cabinet making, and the skillful use of wood-working machinery, reproducing as nearly as possible the conditions of a factory.

(3) A two year course for *Metalworkers* with extensive Machine Shop practice, Blacksmithing, Tinsmithing, Forge and Foundry, Automobile Repairing.

(4) A three months' course for *Farmers*, including the construction of barns and other farm buildings, cement construction, blacksmithing, repair of farm machinery, gasoline engines and auto trucks. In each course there will be work in Drawing, English, Mathematics, Commercial Geography, Industrial History and Applied Science suited to their needs.

Specially trained teachers have charge of these vocational courses.

Send for illustrated circular giving complete information.

EVENING CLASSES

The Evening Classes (a part of the Vocational School) give instruction in practical work and are intended especially for workers in shops and factories who can not take advantage of day schools. The classes are in session from October to May, meeting on Tuesday and Thursday evenings.

The following courses are given:

Woodworking and Patternmaking, Mr. Van Deusen; Machine Shop, Mr. Raymond; Mechanical and Machine Drawing, Mr. Evans; Art Metal, Jewelry (Saturday morning), Mr. Payne.

The same courses will be given in 1912-1913, and, in addition, there will be offered courses in Mathematics, Electricity and Magnetism.

SUMMER SCHOOL

The Summer School, devoted to Manual Training and Domestic Economy, extended from June 26th to July 29th. It was conducted under the superintendency of Charles A. Bennett, head of the Manual Training Department.

The following courses were offered: 1. History and Principles of Manual Training. 2. Bookbinding. 3. Woodworking. 4. Mechanical Drawing. 5. Machine Drawing. 6. Freehand Drawing. 7. Metalworking for Grammar and High Schools. 8. Textiles and Plain Sewing. 9. Dress-making and Art Needlework. 10. Furniture-Making and Methods of Teaching Woodworking. 11. Wood-Turning and Patternmaking. 12. Machine Shop Practice. 13. Constructive Design. 14. Design, Stenciling and Leather Tooling. 15. Elementary Cooking. 16. Advanced Cooking. 17. Art Metal Work. 18. Forging. 19. Elementary Chemistry. 20. Chemistry of Foods. 21. Bacteriology.

The tuition for the Summer Term is \$25.00 for three courses, \$20.00 for two and \$15.00 for one.

The students of the Summer School of 1911 came from the following states: Illinois, Indiana, Ohio, Missouri, Iowa, Minnesota, Pennsylvania, Wisconsin, Michigan, Kansas, New York, Texas, Oklahoma, Louisiana, Nebraska, Arkansas, South Dakota, Idaho, Massachusetts, Tennessee, New Brunswick, England, Canada. Several of these were college graduates, the great majority were teachers.

The Summer School for 1912 will offer similar courses. It is held from June 24 to July 27. Send for special circular issued in March.

UNITED STATES WEATHER BUREAU

During the summer of 1904 the United States Government erected a Weather Bureau Station at the north end of the campus on a lot granted by the Institute. This is under charge of Merton L. Fuller. Daily bulletins and weather maps are sent out from the station. Special lectures are given by Mr. Fuller to Institute classes.

CHAPEL AND SPECIAL EXERCISES

A brief chapel service, which all students are expected to attend, is held daily. This service is designed to afford an opportunity for ethical instruction and a daily reminder of the unity of the school. Occasionally musical programs and addresses by prominent professional and business men on practical topics take the place of the chapel service.

On Friday evening, January 19, a play in Latin, "A Roman Wedding," was given by students of the Latin Department.

On Saturday evening, February 24, two short plays, one in German and one in French, were given by members of the classes in Modern Languages.

The reflectoscope or lantern slides are frequently employed in connection with informal talks in different departments, especially Manual Arts, the Sciences, History, the Ancient and Modern Languages.

PARENTS' MEETINGS

In order that the Institute may work in harmony with the parents of its students, meetings of the parents and teachers are held with the following special purposes. 1. To aid the parents to get a full understanding of the plans and methods of the school. 2. To increase acquaintance between the parent and teachers, and to give a parent opportunity to talk about his own son or daughter with the individual teachers. 3. To discuss educational questions in which both parents and teachers are interested. The Institute considers these meetings of vital importance, and urges every parent to attend them. The date of the Parents' Meeting for 1912-1913 will be Friday, October 18.

THE ATHLETIC BOARD

Athletics are under direct control of a board made up of five members of the Faculty and five representatives elected from various divisions of the school, and one Alumni representative. Actions of the Board are subject to revision by the Faculty.

MEMBERSHIP OF THE ATHLETIC BOARD, 1911-1912

Chairman, *ex-officio*—T. C. BURGESS, Director; The Faculty of Arts and Sciences—J. S. BIKLE, Secretary; F. C. BROWN, Athletic Director; C. S. VANDEUSEN; The Horological Department—Faculty, A. T. WESTLAKE; Horological Students, REGNIER SHOUPÉ; The College—CYRIL BROWN; The Higher Academy—HOWELL SNYDER; The Young Women—MILDRED GLASGOW; Alumni—RALPH LYNCH; Lower Academy, ARTHUR GRAHAM.

MANAGERS, 1911-1912

H. R. ARMSTRONG, Football; J. H. TICKNOR, Basket-Ball; B. G. BOLLES, Baseball; A. R. SALZENSTEIN, Tennis.

THE COUNCIL

The Council consists of eight representatives from the student body and three from the Faculty.

Four of the students are elected from the College, two from the Higher Academy and two from the Lower Academy, equally divided between young men and young women. The young man from the Senior class acts as President of the Council. The Faculty members consist of Director and two others (Wales H. Packard and Katherine F. Walters) chosen by the Faculty.

The Council has under its care, The Tech, The Polyscope, Literary Societies, Clubs and Organizations, in short all student activities not conducted by the Athletic Board.

REPRESENTATIVES FOR 1911-1912

College—EARL A. WARNER, HELEN L. PAUL, GEORGE F. CORIELL, THEODORA C. PARKER; Higher Academy—ABIJAH M. SHERWOOD, MARJORIE W. BLACKMON, CLINTON S. TURNER; Lower Academy—HOLLAND D. ROBERTS, MARIE J. STREHLOW, KING WOODWARD, JUNE KELLAR.

ORGANIZATIONS

THE ARTS AND CRAFTS CLUB recognizes and encourages artistic handicraft and original design among the students. It is a member of the National Handicraft League and receives and exhibits the National Traveling Exhibit. It also holds numerous minor exhibits during the school year.

THE HISTORICAL SOCIETY holds one regular meeting each quarter. It studies chiefly local history and its relation to State and National history. It also discusses current events especially those having political, economical and social bearing.

THE ENGLISH CLUB is designed to create greater interest in English Literature. Its meetings are every two weeks. A banquet is held each year.

THE PEDAGOGIC CLUB has a two-fold aim—professional and social. On its professional side it discusses problems of teaching chiefly in Manual Training or Domestic Economy.

THE BRADLEY DEBATING CLUB meets every two weeks and gives a fine opportunity for practice in debating and also in other literary forms. On Friday evening, March 1st, a public debate was held at Bradley Hall between Bradley and Eureka College. The question was: "Resolved, That the Initiative and Referendum should be made a part of the Legislative system of the several states of our Union." The debate was won by Bradley, supporting the negative side. Her representatives were: Bruce E. Dwinell, Richard F. Graner and Olin W. Archer.

On the same evening this question was debated by the Bradley Academy against the Pekin High School at Pekin. Bradley supported the negative and won. The Bradley debaters were: Hugh Macdonald, Arthur E. Mahle and Mary L. Rutter.

THE CHORUS gives training in singing and in the interpretation of the best music. It is open to students and friends of the Institute.

THE BRADLEY SYMPHONY ORCHESTRA is under the direction of Mr. Harold Plowe. Membership is open to students and others interested in musical culture.

The Chorus and Orchestra give a concert each year in March.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION was organized in 1902 and THE YOUNG WOMEN'S in 1904. Both organizations prove important aids in promoting the best interests of the school.

THE ALUMNI ASSOCIATION for the present year has the following officers: President, Charles G. Mason; Vice-President, Edward F. Stock; Secretary, Julia M. Ulrich; Treasurer, Ray J. Belsley

THE TECH is a monthly paper conducted by an editor, business manager and associates elected by the Council.

THE POLYSCOPE is an annual student publication containing the history of the school for the current year. Like the Tech it is under the control of the Council.

FOUNDER'S DAY is observed annually on October 8th. On October 8th, 1911, the invocation was offered by Rev. Benjamin Otto and the address by the Rev. B. F. Carpenter.

LECTURE COURSE. Dr. Toyokichi Iyenaga gave a course of six illustrated lectures on Friday evenings beginning on October 13th. A lecture upon "The Life Story of the Stars" by C. E. Comstock was given January 5th and on February 2nd a lecture by F. E. Evans entitled "Stories of the Kentucky Hills." On the intermediate date, January 19th, a play in Latin, "A Roman Wedding," was given by students under the direction of the department of Latin and Greek.

THE ATHLETIC BENEFIT PLAY, "The Importance of Being Earnest," was presented at the Majestic Theater on March 15th.

THE FOURTEENTH CONVOCATION was held at Bradley Hall on Friday, June 16th. The invocation was offered by Rev. W. E. Shaw. Dean Thomas Arkle Clark of the University of Illinois gave the address "The Obligations of the Educated." The diploma of the Institute was conferred upon graduates of the following groups:

SCIENCE—Ethel C. Leighton, Leslie S. Lord, Lester R. Mason, Fred H. Maurer, Frank G. Mercer, Bennett R. Parker

ENGINEERING—Loring T. Bunn, Wilbur E. Flood, Theodore J. Franzen, William C. Giessler, John H. Kuhl, Harold D. McCullough, Harry T. McDonald, Roger Schenck, F. Donald Smith.

LITERATURE—Mary Bibb, Helen J. Croman, Mary E. Ellis, Bernice Heyle, Elizabeth G. King, Jean H. Love, Helen E. Mason, Maude H. McNay, Helen M. Nixon, Edith Rutherford, Julia M. Ulrich.

MANUAL TRAINING—Frank S. Barkdoll, Samuel A. Blackburn, Ray O. Comp, Earl R. Bumgarner, James H. Cunningham, Florence L. Grayston, Warren V. Hartz, Albert C. Keckeritz, Arthur F. Payne, Albert L. Polscher, Charles B. Price, Charlotte Tjaden.

DOMESTIC ECONOMY—Hulda C. Breidtadt, Ruth V. Brenneman, Margaret L. Cowden, Helen Douglas, Florence O. Drury, Irene Fathman, Edna Fultz, Clara L. Heuse, Ruth H. Kaempfen, Willa M. Laird, Leola G. McNeill, Zilpah Miller, Salome J. Reed, Pauline E. Thomasson, Clara M. Wright.

Winners of University of Chicago Scholarships—Mary Bibb, Theodore J. Franzen. Alternates—Helen E. Mason, Helen J. Croman.

The ACADEMIC CERTIFICATE was conferred upon graduates of the following groups:

SCIENCE—Edward G. Anderson, Haskell R. Armstrong, Robert V. Barnett, Charles A. Duffield, Delwin O. Edwards, Harry C. Heyl, Alma K. Huckle, Nellie R. Maple, Ray C. Maple, May G. Marsh, Charles R. Mulford, Bertha M. Stephens.

ENGINEERING—Robert G. Cornelison, Henry C. Eckstein, Charles W. Holmes, John S. Holmes, Homer S. Jacquin, J. Ray Saylor, Charles J. Scranton, Earle E. Warner.

LITERATURE—Ruth Allen, Hazel M. Berger, Harriet F. Block, Hazel M. Botts, Elizabeth Cockle, George F. Coriell, Adelina M. DeLent, Bernice Drury, Catherine Faber, Della T. Gipps, Mildred A. Glasgow, Myrtle O. Gordon, Richard F. Graner, Laura L. Hakes, Hazel L. Hancock, Theodora C. Parker, Zella M. Ringness, Hazel L. Sarsfield, Marcella F. Schwentzer, Charlotte R. Secretan, Hazel H. Smith, Clara A. Spurck, Fern Voorhees.

MECHANIC ARTS—Edward E. Cashman.

Winners of Institute Scholarships—Zella M. Ringness, May G. Marsh. Alternates—Marcella F. Schwentzer, Hazel L. Sarsfield.

In THE HOROLOGICAL DEPARTMENT the diploma in Watchwork was conferred upon—B. L. Blanchflower, G. S. Campbell, Raymond Cornell, Eugene Hadley, R. S. Leslie, Wallace Snyder, A. T. Westlake Jr., J. J. Wray, J. R. Yarbrough.

Optics—N. C. Armstrong, V. Berg, J. Branaman, L. K. Burket, C. W. Cann, R. A. English, A. J. Friess, P. N. Gilbertson, J. L. Guard, J. A. Harmon, J. F. House, R. Hungate, C. L. Kendrick, A. M. Knudtson, R. R. Koppel, C. Kropff, W. G. Leslie, O. C. Lines, J. Marcusse, L. McKay, E. McTeer, O. W. Murphy, A. E. Norman, K. K. Parr, H. Peterson, C. E. Rice, E. A. Schneider, J. J. Wray, J. H. Yoho.

GRADUATES OF BRADLEY POLYTECHNIC INSTITUTE

1898

UNLAND, CORINNE C. (MRS. JAMES H. ANDERSON), 2 Oakdale Terrace,
Literature; University of Chicago, 1898-1900. Louisville, Ky.

1899

ANDERSON, JAMES H., 2 Oakdale Terrace, Louisville, Ky.
Science; Winner University of Chicago Scholarship; University of Chicago,
1899; Chemist, American Cotton Oil Co., 1900-9; Chemical Engineer, Louisville, Ky.,
1909—.

LYON, CHARLES H., 7744 Stone Ave., Seattle, Wash.
Classics; Winner University of Chicago Scholarship; Student in Mechanical
Engineering, Y. M. C. A. School, Peoria, 1904-5; City Electrician, Peoria, 1905-9;
City Electrician, Seattle, Wash., 1909—.

1900

CROFOOT, MARGUERITE (MRS. C. C. LEFFINGWELL), 140 Prospect Ave.,
Hackensack, N. J.

Classics; Winner University of Chicago Scholarship; University of Chicago,
1900-2; A. B. *ibid.*, 1902, Honorable Mention; Teacher, Peoria Schools, 1902-3;
Assistant in Greek and Latin, Bradley Institute, 1903-6.

LEFFINGWELL, CLARENCE C., 381 Fourth Ave., New York.
Literature; University of Chicago, 1901-2, Ph. B., *ibid.*, 1902; Assistant in
Greek and Latin, Bradley Institute, 1901-3; Private Tutor, 1903-4; with P. F. Col-
lier & Son, Publishers, New York City, 1904-11; with George Batten Co., Advertis-
ing Agents, 1911—.

DEXTER, JOHN R., Ardmore, Okla.
Literature; University of Chicago, 1900-2; Ph. B., *ibid.*, 1902; President India-
homa Trust Co., Ardmore, Okla.

HOOD, FLORENCE (MRS. H. M. SOLENBERGER), 833 S. Grand Blvd., Springfield.

Classics; Winner University of Chicago Scholarship; University of Chicago,
1900-2; A. B., *ibid.*, 1902; Registrar, Chicago Bureau of Charities, 1903-4.

*NELSON, CARL G.,
Classics; Augustana College, Rock Island, 1900, 1902-3; B. D. and M. A., *ibid.*,
1903; University of Chicago, 1901-2; called to a church in Manson, Ia. Died, 1905.

PAGE, ROY, 211 S. Adams St., Peoria.
Science; Cornell University, 1900-1; Business, Chicago, 1902-6; engaged in fruit
culture, San Cristobal, Cuba, 1905-8; with Brown, Page & Hillman, Peoria, 1908-10;
Putnam Page Co., Peoria, 1910—.

PARKER, MARGUERITE (MRS. FRANK L. HINMAN), Tremont.
Science; University of Chicago, 1900-2, B. S., 1902; Teacher in Peoria Schools,
1902-4.

RICE, MARY VIRGINIA, 1658 Humboldt St., Denver, Colo.
Literature; University of Michigan, 1900-2, A. B., *ibid.*, 1902; Teacher, Peoria
Schools, 1903-6; Student University of Chicago, Summer 1906; Rock Island High
School, 1906-8; Denver Manual Training High School, 1908—; European Travel,
Summer, 1910.

SANNER, LAURA E. (MRS. ROBERT PARKER), Sterling, Colo.
Literature; Teacher, Wyoming, Ill., Schools, 1900-2.

SMITH, RALPH H., Lancaster, Ohio.
Classics; University of Chicago, 1900-3, A. B., *ibid.*, 1902; Starling Medical
College, 1903-5, M. D., *ibid.*, 1905; Interne, St. Francis Hospital, Columbus, 1905-6;
Physician, Lorain, Ohio, 1906-9; Lancaster, Ohio, 1909—. Married (January, 1909)
to Theo. M. Vickery.

WARBEKE, JOHN M., Williamstown, Mass.
Classics; Princeton University, 1901-3, A. B., *ibid.*, 1903; Student of Philosophy,
University of Leipzig, and travel in Europe, 1903-6, Ph. D., *ibid.*, 1906; Instructor
in German, Williams College, 1906-9; Instructor in Philosophy, *ibid.*, 1909-11;
Associate Professor of Philosophy and Psychology, Mt. Holyoke College, 1912—.
Married (July, 1908,) to Norah McCarter.

1901

BRUBAKER, HAROLD C., 6542 Ellis Ave., Chicago.
Classics; Winner University of Chicago Scholarship; University of Chicago,
1901-3; A. B., *ibid.*, 1903; Western Electric Co., Chicago, 1903-7; *ibid.*, Chicago,
1906-7; Goodman Manufacturing Co., Chicago, 1907—.

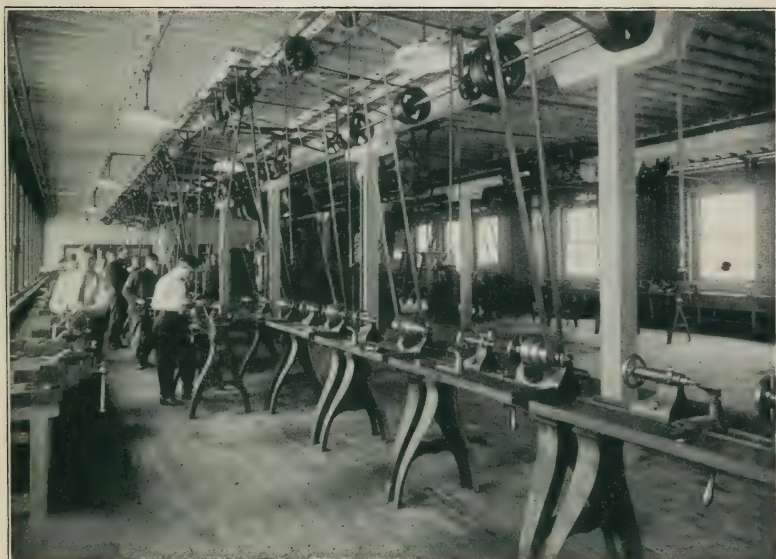
- FULLER, WALTER, Clinton, Iowa.
Science; University of Chicago, 1901, S. B., *ibid.*, 1904; Student Laboratory-Inspector, *ibid.*, 1901-4; Chemist, Kennicott Water Softener Co., Chicago, 1905-6; Chemist, Glucose Sugar Refining Co., Pekin, 1906; U. S. Gypsum Co., Chicago, 1907-8; Clinton Sugar Refining Co., 1908—.
- GEIGER, MABEL L., 1120 Perry Ave., Peoria,
Classics; University of Illinois, 1901-2; B. L. S., *ibid.*, 1903; Student, Summer School, Bradley Institute, 1908; Teacher, Peoria Schools, 1903—.
- KELLY, MILDRED (MRS. WM. J. ANICKER), 307 N. 17th St., Muskogee, Okla.
Literature; Mt. Holyoke, 1902-3.
- MACCLYMENT, GEORGE R., 419 Observatory Bldg., Peoria.
Science; University of Chicago, 1901-3; Assistant Cashier of Bank, Scott, Wrigley & Hammond, Wyoming, 1903-7; Assistant Manager Lydia Bradley Estate, 1907—.
- OLMSTEAD, MAUD C. (MRS. E. V. LAWRENCE), Boston, Mass.
Science; Assistant in Sewing, Bradley Institute, 1901-5; Social Settlement Work in Cooking, Pittsburg, 1909-11.
- PORTER, ALBERT L., Brookfield.
Science; Student in Correspondence Course in Architecture, Chicago, 1901; Mechanical Draftsman, Chicago; Designer Water Softening Machinery, 1904-5; Engineering Department, Fairbanks Morse Co., Chicago, 1906-11; Chief Draftsman, *ibid.*, 1911—.
- SWANSON, E. ADELIA, 406 N. College St., Rochester, Minn.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1901-2, Ph. B., Honorable Mention, *ibid.*, 1902; Teacher of German and English, High School, Indianola, Iowa, 1902-3; Teacher of German, High School, Owatonna, Minn., 1903-7; Teacher of German and Principal of High School, Manning, Ia., 1907-8; Teacher of German, High School, Rochester, Minn., 1908—.
- TRACY, ANNIE C., 313 Callender Ave., Peoria.
Literature; Teacher Peoria Schools, 1901—.
- WEIRICK, ELIZABETH S., Pratt Institute, Brooklyn, N. Y.
Literature; University of Chicago, 1901-3; B. S., *ibid.*, 1903; Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y., 1903-7; Instructor in Science, Ferry Hall, Lake Forest, Ill., 1907-9; Instructor in Chemistry, Bradford Academy, Bradford, Mass., 1909-10; Graduate Student, University of Chicago, Summer, 1910; Instructor in Chemistry, Pratt Institute, 1910—.

1902

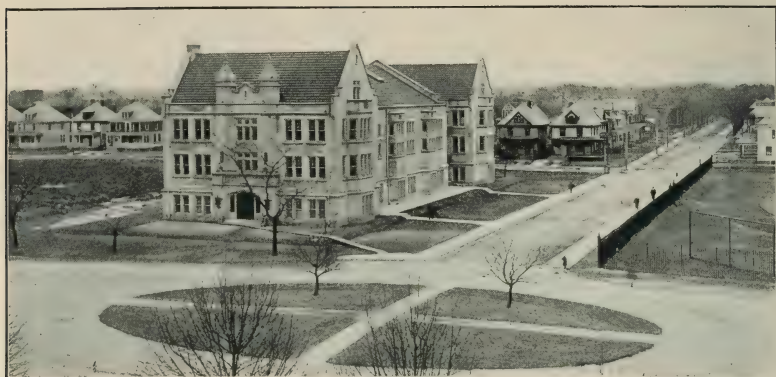
- BENNETT, FRANK W., 214 N. Glen Oak Ave., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; A. B., *ibid.*, 1903, Honorable Mention; Instructor in English and German, Rose Polytechnic Institute, Terre Haute, 1904-9; travel in Europe, Summer, 1909; Graduate Student in German and French, University of Wisconsin, Summer, 1911; Head of Department of English and Instructor in Latin, Manual Training High School, Peoria, 1909—.
- BRUBAKER, WILLIAM C., 6542 Ellis Ave., Chicago.
Science; Armour Institute of Technology, 1902-6, B. S., *ibid.*, 1906, White Scholarship, 1905; Member of Tau Beta Pi (honorary fraternity); M. E., *ibid.*, 1911; Foreman Templet Dept. Pullman Co., Chicago, 1906—.
- HANCOCK, TRACY M., Lacon.
Science; Business in Lacon, 1902—.
- KELLOGG, ANNE A., 1017 State St., Peoria.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1902-3; Ph. B., *ibid.*, 1903; Honorable Mention; Graduate Student, University of Mich., 1903-5; Teacher of German and English, and German, High School, Marquette, Mich., 1903-5; Teacher of German and English, High School, Peoria, 1905-8; Student, University of Berlin, 1908-9; Head of German Department, Manual Training High School, Peoria, 1909—.
- KIRTLEY, LUTHER L., Box 122, Hurley, N. Mex.
Science; Marietta College, 1900-01; University of Chicago, 1902-3; B. Sc., *ibid.*, 1903; Engineer, Eveleth, Minn., 1903-5; University of Chicago Winter and Spring, 1905; University of Wisconsin, 1905-6; School of Mines, Columbia University, 1906-8; E. M., *ibid.*, 1908; with U. S. Smelting, Refining & Mining Co., Eureka, Utah, 1908-10; Assayer, Utah Copper Co. (Magna Plant), Garfield, Utah, 1910-12; Chino Copper Co., Hurley, N. Mex., 1912—.
- MERRILL, MORTON W., 2022 Sherman Ave., Evanston.
Classics; Northwestern University, 1902-4; A. B., *ibid.*, 1904; Garrett Institute, 1904-8; B. D., *ibid.*, 1908; Pastor M. E. Church, Sheffield, Ill., 1906-10; Asst. Pastor, First Presbyterian Church, Evanston, Ill., 1910—. Married (May, 1908,) to Marie E. Fehrman.



ONE OF THE WOODWORKING ROOMS



MACHINE SHOP



THE GYMNASIUM



A CLASS IN DRAWING

SWEETSER, IRVING J., 4341 Prairie, Chicago.
Classics; with Phil Sheridan Mining Co., Washington, 1902-4; Standard Oil Co., Peoria, 1905-7; Montana St. Mill Co., Seattle, Wash., 1907-11; Lumber Firm, Chicago, Ill., 1911—.

THOMAS, GEORGE EARL, 608 Wisconsin Ave., Peoria.
Classics; Business, Peoria, 1902-11.

WELLS, EDGAR B., 1207 Chambers Ave., Peoria.
Science; University of Chicago, 1902-4; Ph. B., *ibid.*, 1904; Principal of High School, Delavan, 1905-6; Teacher of Science, Township High School, Pontiac, 1906-7; State Teacher's Certificate for Illinois, 1906; Supt. of Schools, Thompson, Ill., 1907-9; Instructor in Chemistry and Biology, Peoria High School, 1909—.

1903

BALLANCE, WILLIS H., 256 Randolph Ave., Peoria.
Science; Cornell University, 1903-6; B. S., *ibid.*, 1906; with Weston Mott Co., Flint, Mich., 1906-8; with U. S. Brewing Co., Chicago, 1908-9; with Gipps Brewing Co., Peoria, 1909—.

BELL, MARCIA (MRS. THOS. R. BLAIR), 118 Maplewood, Peoria.
Literature.

BOURLAND, JULIA P. (MRS. ARTHUR CLARK), 620 N. Elizabeth St., Peoria.
Literature; Smith College, 1903-5; A. B., *ibid.*, 1905; Instructor in Biology, Bradley Institute, 1905-6.

BROWN, DELOSS S., 99 Barker Ave., Peoria.
Mechanic Arts; Business, (Brown, Page & Hillman), 1903-11; Real Estate, 1911—.

CALVERT, MAUDE (MRS. OMER FOISIE), Seattle, Wash.
Literature; University of Chicago, 1903-4; Ph. B., *ibid.*, 1904; Teacher, Peoria Schools, 1904-5; Teacher of French, High School, Seattle, 1905-9.

COWELL, MARK W., 321 Crescent Ave., Peoria.
Science; University of Michigan, 1903-6; A. B., *ibid.*, 1906; with Avery Co., Peoria, 1906-10; with B. Cowell, Peoria, 1910—.

CUTRIGHT, SIDNEY B., Hoopeston.
Classics; With La. Lumber Co., Rochelle, La., 1904; Manager for Cutright & Russell, Peoria, 1905-11; Financial Sec'y, Illinois Canning Co., Hoopeston, Ill., 1911—. Also special agent for Federal Life Ins. Co. (Married (1911) Beatrice Jenkins.

DURLEY, ELIZABETH R. (MRS. WALTER A. BOYLE), McNabb, Ill.
Literature; Winner University of Chicago Scholarship; University of Chicago, 1903-4; Teacher, Des Moines, Iowa, 1905-8; Ph. B., University of Chicago, 1908; Teacher, English and History, High School, Des Moines, Iowa, 1908-10.

DURHAM, MARGARET L., 306 N. Glen Oak Ave., Peoria.
Literature; Teacher Peoria Schools, 1904—.

FAVILLE, MILDRED, Appleton, Wis.
Literature; University of Chicago, 1903-5; Ph. B., *ibid.*, 1905; Teacher, Peoria Schools, 1905-8; Teacher of Music in Public Schools, Appleton, Wis., 1908—.

GRABER, LOTTIE A. (MRS. W. J. WULSTEIN), Glenville, Neb.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1903-5; A. B., *ibid.*, 1905; Teacher, High School, Knoxville, 1905-7.

HARPER, MARY J. (MRS. HENRY H. LANE), Norman, Okla.
Science; University of Chicago, Summer, 1901, 1904-5; B. S., *ibid.*, 1905; Scholarship in Zoology, *ibid.*, Assistant in Science, Bradley Institute, 1903-4; Teacher, Peoria Schools, 1905.

JOBST, NETTIE (MRS. JOHN H. FRANKE), 511 N. Madison Ave., Peoria.
Science; Travel in Europe, Summers, 1905, 1906, 1908.

JOSEPH, DON R., Rockefeller Institute for Medical Research, N. Y.
Science; Holder of Special Scholarship, University of Chicago; University of Chicago, 1903-4; B. S., *ibid.*, 1904, Honorable Mention; Brainard Medal in Anatomy, *ibid.*, 1904; St. Louis University, 1904-7; M. S., *ibid.*, 1906; M. D., *ibid.*, 1907; Assistant in Physiology, Medical Department, *ibid.*, 1904-7; Professor of Physiology, St. Louis Dental College, 1906-7; Publications, "Effects of Intravenous Injection of Pork Bone Marrow on the Blood-pressure," American Journal of Physiology; "The Influence of Organ Extracts of Cold-blooded Animals on the Blood-pressure," Journal of Physiology, London, Journal of Experimental Medicine; "The Influence of Vagus Stimulation upon the Development of Rigor in the Heart," "The Relation of the Heart-weight to the body weight in Animals." The Comparative Toxicity of the Chlorides of Magnesium, Calcium, Potassium and Sodium, and numerous other articles in Scientific Journals, Member of N. Y. Society for Experimental Biology and Medicine, American Physiological Society, American Society for Pharmacology and Therapeutics, and the Harvey Society.

Research Fellowship, Rockefeller Institute for Medical Research, New York City, 1907-8; Assistant, *ibid.*, 1908-10; Associate, *ibid.*, 1910—. Married (December, 1905,) to Lura I. Licklider.

PINGER, GEORGE C., Beaver, Pa.

Engineering; Cornell University, 1903-5; M. E., *ibid.*, 1905; Junior Member American Society of Mechanical Engineers; Draftsman, Snow Steam Pump Co., Buffalo, N. Y., 1905-6; Struthers Well Co., Warren, Pa., 1906; Wm. Tod Co., Youngstown, O., 1906-10; Republic Iron and Steel Co., Youngstown, Ohio, 1910-11; Steam Engineer, Pittsburgh Crucible Steel Co., 1911—; Member of Engineer's Society for Western Pa.

RICE, MONTGOMERY G., Libby, Mont.

Literature; University of Michigan, 1903-6; LL. B., *ibid.*, 1906; Admitted to Bar, Michigan and Illinois, 1906; Lawyer, Peoria, Ill., 1906-9; Admitted to the Bar, Montana, 1909; Deputy County Attorney, Lincoln Co., 1909-10; City Attorney, Libby, Mont., 1909—.

RIDER, GEORGIA (MRS. GRANT M. MILES), 531 Moss Ave., Peoria.

Literature; Teacher, Tremont, Ill., 1904; Havana, Ill., 1906-8; Student, University of Chicago, Summer, 1907.

SCHIMPF, OSCAR J., 502 N. Monroe St., Peoria.

Engineering; Assistant City Electrician, Peoria, 1903-5; Chief Engineer and Electrician, Buckeye Powder Co., Edwards, Ill., 1905; with Mills Electric Co., 1906-7; Manager Electric Department for Wheelock & Co., 1907-8; with U. S. Steel Corporation, Gary, Ind., 1908-9; with Western Powder Co., Peoria, 1909—.

SCULLIN, BERTHA M., 805 St. James St., Peoria.

Classics; Winner University of Chicago Scholarship; Assistant in Sewing, Bradley Institute, 1903-5; University of Chicago, Summer, 1905, 1905-6; A. B., *ibid.*, 1906; Graduate Student, University of Chicago, Summer, 1909-10; Instructor in Domestic Science, Bradley Institute, 1906—.

SCHUREMAN, MARY O. (MRS. GEO. F. IMIG), 1223 N. 6th St., Sheboygan, Wis.

Literature; Smith College, 1904-6; A. B., *ibid.*, 1906.

SEATON, EDITH M., 412 N. Glendale, Peoria.

Classics Teacher, Peoria Schools, 1903—.

STOCK, EDWARD F., 1000 Sanford St., Peoria.

Science; Local Freight Office, T. P. & W. R. R., 1903-6; Freight Accountant, *ibid.*, 1906-9; Chief Clerk, Freight Accounts, *ibid.*, 1909-11; Traveling Auditor, *ibid.*, 1911-12; Chief Clerk to Gen. Freight Agent, *ibid.*, 1912—.

STOWELL, LAURA A. (MRS. A. J. BOOKMYER), R. F. D. No. 1, Renton, Wash.

Science; Teacher, Domestic Economy, High School, Calumet, 1903-7; Everett, Wash., 1907-8.

SUMMERS, LILLIAN M. (MRS. JOHN B. TANSIL), 1017 Willet Ave.,

Memphis, Tenn.

Classics; Northwestern University, 1903-4; Vanderbilt University, 1904-5; A. B., Northwestern University, 1905; Teacher, Peoria Schools, 1905-8.

TJADEN, HERTHA M., 205 S. Underhill St., Peoria.

Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Domestic Science, Peoria Schools, 1906-7; Director of Domestic Science, Y. W. C. A., Rockford, Ill., 1907; Teacher, Public Schools, Peoria, 1908-9; Teacher of Domestic Economy, Peoria High School, 1909—.

WEST, VICTOR J., Park Apartments, Evanston.

Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; Instructor in English, Bradley Institute, 1905-6; Secretary, Briggs Real Estate Co., Los Angeles, Cal., 1906-8; Fellow in Political Science, University of Chicago, 1908-10; Assistant in Political Science, *ibid.*, Spring, 1910; Head of Snell House, *ibid.*, 1909-10; Instructor in Politics, Northwestern University, 1910—. Married (September, 1911,) to Mary A. Stevens.

1904

BELSLEY, RAY J., 1405 N. Jefferson Ave., Peoria.
Engineering; Business, Peoria, 1904—.

BENTON, CHARLES K., Hood River, Ore.
Science; Dartmouth College, 1904-6; B. S., *ibid.*, 1906; Honorable Mention in Economics; Phi Beta Kappa; Business, Peoria, 1906-8; Fruit Ranch, Hood River, Ore., 1908—. Married (February, 1909,) to Edna Burton.

BRUNINGA, JOHN H., Pierce Bldg., St. Louis, Mo.
Engineering; Laboratory, Bureau of Standards, Washington, D. C., 1904-5; Draftsman, U. S. Navy Yard, 1905; Examiner, U. S. Patent Office, 1905-9; Student in Electrical Engineering, George Washington University, 1904-5; in Law College, *ibid.*, 1905-8; LL. B., *ibid.*, 1908; Admitted to Bar, 1908; Associate Member American Institute of Electrical Engineers; Patent Lawyer, 1909—. Married (September, 1904,) to Mary Amos.

- CUTRIGHT, LOIS I., 149 Maplewood Ave., Peoria.
Literature; Teacher, 1904-6; University of Chicago, 1906-7; Ph. B., *ibid.*, 1907; Teacher, High School, Salina, Kan., 1907-9; Teacher, Peoria High School, 1909—.
- *ELSBREE, FLORENCE A. (MRS. J. O. CHAMBERS),
Classics; University of Chicago, 1904; Shurtleff College, 1904-5; A. B., *ibid.*, 1905; Head of Language Department, Greer College, 1905-6; Special Teacher at Harrison School, Peoria, 1906-7. Died, October, 1911.
- EVANS, ROLLA Q., 1030 17th St., N. W., Washington, D. C.
Science; Harvard University, 1904-6; Architectural Draftsman with Carrere & Hastings, of New York City, 1906-8; with Supervising Architect, U. S. Treasury, 1908—.
- GORSLINE, WM. M., 425 Barker Ave., Peoria.
Science; University of Chicago, Summer, 1904; Graduate Student, Bradley Institute, 1904-5; University of Chicago, Summer and Fall, 1905; Summer, 1907-9, Instructor in Mathematics, High School, Burlington, Iowa, 1907-9; Student, University of Wisconsin, Summer, 1911; Head of Department of Mathematics and Surveying, Manual Training High School, Peoria, 1909—. Married (December, 1907,) to Minnie Fick.
- GRIGSBY, HARRY D., 518 Monroe St., Topeka, Kan.
Science; University of Illinois, 1904-6, B. S., *ibid.*, 1906; Assistant City Engineer, Santa Anna, Cal., 1906-7; Chemist, C. R. I. & P. R. R., 1907—.
- HECKMAN, LILLIAN S. (MRS. R. W. POOL), 1429 38th Ave., Seattle, Wash.
Science; University of Chicago, 1904-6; S. B., *ibid.*, 1906.
- HELMBOLE, IDA J., 711 North St., Peoria.
Classics; Teacher, Peoria Schools, 1904—.
- MAYER, SIMON, 2822 S. Washington St., Peoria.
Classics; University of Chicago, 1904-5; A. B., *ibid.*, 1905; Engineering Department, C. & N. W. R. R., Pierre, S. D., 1905-7; Instructor Manual Training Indianapolis, Ind., 1907-9.
- MILLER, CHARLES W., 801 First Ave., Peoria.
Literature; University of Michigan (Department of Medicine and Surgery), 1904-8; A. B., *ibid.*, 1906; M. D., *ibid.*, 1908; Interne at Allegheny General Hospital, Pittsburgh, Pa., 1908-9; Interne at St. Francis Hospital, Pittsburgh, Pa., January to September, 1909; Practicing Physician, Peoria, 1909—. Married (December, 1909,) to Jennie Stewart Brown.
- MORGAN, HARRY D., 500 German Fire Ins. Bldg., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6; A. B., *ibid.*, 1906; Honorable Mention for Work in Senior College; Phi Beta Kappa; University of Chicago Law School, 1906-9; Member of Law Council, 1907-8; President of Senior Law Class, 1908-9; Secretary to Morton D. Hull, 46th General Assembly of Illinois, 1909; Lawyer (Morgan and Galbraith), Peoria, Ill., 1909—. Married (July, 1911,) to Eleanor Ellis.
- NEEF, FRANCIS J., Dartmouth College, Hanover, N. H.
Literature; University of Chicago, 1904-5; Ph. B., *ibid.*, 1905; University of Lausanne and Travel in Europe, 1905-6; University of Berlin, Summer Semester, 1906; University of Berlin, Winter Semester, 1906-7; University of Leipsic, Summer Semester, 1907; Graduate Student, University of Chicago, 1907-8; Fellow in German, *ibid.*, 1907-8; Instructor in German, Brown University, 1908-9; Instructor in German, Dartmouth College, 1909—.
- OLMSTEAD, RALPH W., 5339 Indiana St., Austin.
Science; with Bartlett, Frazier & Carrington, Chicago, 1900-8; with Jas. A. Patten, Chicago, 1908—. Married to Jannette F. Patteson of Peoria.
- PAUL, JOSEPH W., Imperial, Cal.
Engineering; Assistant in Manual Training, Rockford Schools, 1904-7; Instructor in Mechanical Drawing, Y. M. C. A. Night School, 1905-6; Graduate Student, Manual Training, Bradley Institute, 1907-8; Instructor in Manual Training, Wells School, Watseka, 1908-11; Student, University of Wisconsin, Summer, 1911; Director of Manual Training, Imperial, Calif., 1911—. Married (May 13, 1909,) to Jessie M. Colby.
- RITCHIE, VONNA V. (MRS. DELOSS S. BROWN), 99 Barker Ave., Peoria.
Science; James Milliken School of Music, Decatur, Ill., 1904-5.
- ROCKWELL, IVA F. (MRS. GEO. E. McMURRAY), 414 Barker Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1904-6, A. B., *ibid.*, 1906; Honorable Mention, Member University Council; Assistant Ancient Languages, Bradley Institute, 1906-8.
- ROGERS, LULU E. (MRS. OTTO W. BOERS), 4371 Cook Ave., St. Louis, Mo.
Science; Teacher, Peoria Schools, 1905.

- SPECK, CHARLES H., 117 Broadway, Peoria.
Engineering; Business, Peoria, 1904-6; University of Chicago Law School, 1906-9; Ph. B., *ibid.*, 1909; Lawyer, Peoria, 1909—.
- STEMM, JOSEPHINE A., 514 St. James St., Peoria.
Literature; Teacher, Peoria Schools, 1904—.
- VANCE, MYRA L., 172 Institutte Place, Peoria.
Literature; Teacher, Peoria Schools, 1907—.
- WILSON, EDNA L., Magnolia.
Literature; Teacher, Oak Park, Ill., 1905-9.

1905

- ARMSTRONG, JOHN E., 2236 E. 68th St., Cleveland, Ohio.
Engineering; Cornell University, 1905-8; C. E., *ibid.*, 1908; with Cleveland and Pittsburg Division of the Pennsylvania Lines West of Pittsburg, 1908—. Married (December, 1908,) to Jane Drake Wilson.
- BARTLEY, JOSEPH F., 229 Columbia Terrace, Peoria.
Literature; Law Department, University of Michigan, 1906; LL. B., *ibid.*, 1908; Lawyer, Peoria, 1908—.
- BECHT, FRANK C., University of Illinois, Champaign.
Literature and Science; Winner University of Chicago Scholarship; University of Chicago, 1905-6; B. S., *ibid.*, 1906; Fellowship in Physiology, *ibid.*, 1906-7; Assistant in Physiology, *ibid.*, 1907-9; Ph. D. *ibid.*, 1909; Associate in Journal of Physiology, *ibid.*, 1910; Professor of Physiology, University of Illinois, 1910—; Member of Sigma Xi; Publications, American Journal of Physiology, "The Relation Between the Blood Supply to the Submaxillary Gland and the Character of the Chorda and the Sympathetic Saliva;" "Mechanism by Which Water Is Eliminated in the Active Salivary Glands;" "The Effect of Heat Upon Animal Tissue with Special References to Nerves;" several other articles in Scientific Journals. Married (September, 1908,) to Ruby Cumming.
- BOURLAND, FREDERICK B., Perris, Cal.
Engineering, Printing Business, 1905; Engineering Department, Briggs Real Estate Co., Los Angeles, Cal., 1906-7; Printing Business, Peoria, 1907-9; Superintendent of Ranch, Parma, Colo., 1909-11; Superintendent of Ranch, Perris, Cal., 1911; Surveyor, Perris, Cal.
- BRISLEY, MABEL L., Springfield, Neb.
Literature; Normal Training Class, Peoria, 1905-6; Teacher, Peoria High School, 1906-9; Student, University of Chicago, 1909-10; Ph. B., *ibid.*, 1910; Asst. Principal, High School, Craig, Neb., 1911—.
- CATION, JENNIE G., Rockford.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Assistant in Domestic Economy, Lincoln Center, Chicago, October, 1906, to January, 1907; with the Home Delicacies Association, Chicago, January, 1907; Teacher, Home Economics, Loring School and Kenwood Institute, Chicago, 1907-8; Teacher of Domestic Science, Rockford Public Schools, 1908-9; Supervisor of Domestic Science, *ibid.*, 1909—.
- COOPER, MARILLA E., 415 Barker Ave., Peoria.
Literature; Oberlin College, 1905-7; *ibid.*, A. B., 1907; Teacher, High School, Wyoming, Ill., 1907-8; Teacher, Peoria High School, 1908—.
- COPES, KATHERINE (MRS. R. B. PAWSON), Delavan.
Science; Teacher in Tazewell County Schools, 1905-6; Teacher, Delavan, 1906-8; Teacher of History, High School, Havana, Ill., 1908-11.
- CUTRIGHT, FLORENCE A., 149 Maplewood Ave., Peoria.
Classics; Winner University of Chicago Scholarship; University of Chicago, 1905-6; A. B., *ibid.*, 1906; Honorable Mention, *ibid.*, Teacher of Latin and English, Public Schools, Louisiana, Mo., 1907-8; Principal High School, Fairfield, 1908-9; Teacher, Eureka College, Eureka, Ill., 1909-10; Teacher, Peoria Schools, 1910-12; Teacher, Manual Training High School, Peoria, 1912—.
- DICKSON, VICTOR H., 1411 Knoxville Ave., Peoria.
Engineering; Massachusetts Institute of Technology, 1905-7; B. Sc., *ibid.*, 1907; with Dickson & Co., Peoria, 1907-8; with H. G. MacClellan & Co., Chicago, 1908-9; with Bartholomew Co., Peoria, 1909; with Wm. R. Jones Plumbing Co., Peoria, 1909; with Powers Regulator Co., Chicago, Ill., 1910-11; with Peoria Metal Culvert Co., 1911—.
- EDWARDS, NETA G., 5528 Monroe Ave., Chicago.
Literature; University of Chicago, 1905-7; Ph. B., *ibid.*, 1907; Teacher, High School, Watseka, Ill., 1907-8; Principal of High School, Bremen, Ind., 1909-10; Teacher, High School, Delphos, O., 1911—.
- HALE, VERA H., 6501 Kimbark Ave., Chicago.
Classics; Teacher, Mapleton, 1905-6; University of Chicago, Summer, 1906, 1908-9; A. B., *ibid.*, 1909; Teacher, Dolton Schools, 1906-9; Teacher, High School.

Vermont, Ill., 1909-10; Principal of High School, Dallas City, Ill., 1910-11; Teacher of Latin, Bloom Township High School, Chicago Heights, Ill., 1911—.

HEYLE, ESSIE M., Board of Education Rooms, Kansas City, Mo.
Science; Certificate in Domestic Economy, Bradley Institute, 1906; Student, Simmons College, Boston, 1906-7; Teacher of Domestic Science, Public Schools, Kansas City, Mo., 1907-10; Student, University of Chicago, Summer, 1908-9; Student, *ibid.*, Spring and Summer, 1910; Ph. B., *ibid.*, 1910; Director, Department of Home Economics, Illinois Woman's College, Jacksonville, 1910; Supervisor of Domestic Science, Kansas City, Mo., 1911—.

KANNE, VERONNA E., 2650 Halldale Ave., Los Angeles, Cal.
Literature; Teacher, Peoria Schools, 1905-6; Teacher of Domestic Science, Stimson Memorial School, Los Angeles, Cal., 1906-7; Los Angeles Public Schools, 1907—; Part time Student, University of Southern California, 1911-12.

KEITHLEY, GILES E., 1601 Knoxville Ave., Peoria.
Science; Lake Forest College, 1905-7; A. B., *ibid.*, 1907; with Clark-Smith Hardware Co., Peoria, 1907-9; Student, University of Illinois (Law School) 1909-12.

LAGERGREN, GUSTAF P., Morgan Park.
Literature; Draftsman, Illinois Steel Bridge Co., Jacksonville, 1905-6; University of Chicago, 1906; Draftsman, Lyon & Healy, Chicago, April to October, 1907; Senior College Scholarship, University of Chicago, 1907; A. B., *ibid.*, 1908; Instructor in Mathematics and Mechanical Drawing, High School, St. Cloud, Minn., 1908-10; with North Dakota Metal Culvert Co., Fargo, N. D., Summer, 1909; Summer School, Bradley Institute, 1910; with Shepley Rutan & Coolidge, Architects, Chicago, 1911-12; with Perry & Thomas, Architects, Chicago, 1912—.

LYNCH, RALPH A., 924 Glen Oak Ave., Peoria.
Engineering; University of Illinois, 1905-8; A. B., *ibid.*, 1908; Chemist for Great Western Sugar Co., Eaton, Colo., 1908-9; Head Chemist, *ibid.*, 1909-11; with H. W. Lynch, Peoria, 1911—.

OSBORNE, ISABEL M., 411 Linn St., Atlantic, Ia.
Literature; Student, Domestic Science, Bradley Institute, and University of Illinois, 1906-9; A. B., University of Illinois, 1909; Teacher, High School, Delavan, Ill., 1909-11.

STRAESSER, MABEL S. (MRS. HERBERT R. SHOAFE), 163 Glenwood Ave., Peoria.
Science; Teacher, Peoria Schools, 1905-8.

1906

*BUCKLEY, MIRIAM E.

Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Peoria Schools, 1907-10. Died, 1910.

COLBY, HENRY H., 822 12th Ave., Moline.
Science; Machinist, Granville, 1906, and Ottawa, 1907; Die Maker, Moline, 1908; Private Chauffeur, 1909—. Married (1911) to Ida C. Miller.

COLLINS, BERYL B., 920 Chicago Opera House Bldg., Chicago.
Science; Law Department, University of Michigan, 1906-9; LL. B., *ibid.*, 1909; Admitted to Practice in U. S. District and Circuit Courts.

COWELL, JOSEPH G., 17 Cumberland St., Boston, Mass.
Science; Graduate Student, Bradley Institute, 1906-7; University of Illinois, 1907-8; Student, Museum of Fine Arts, Boston, Mass., 1908-9; Student, Art Student's League (New York City), 1909-10; Art Museum, Boston, 1910-12.

DOUBET, MARY D., 107 Bigelow St., Peoria.
Classics; Teacher, Peoria Schools, 1906—.

ELLIS, ELEANOR (MRS. H. D. MORGAN), 1103 S. Adams St., Peoria.
Literature; Winner University of Chicago Scholarship; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Domestic Economy, Public Schools, Kansas City, Mo., 1907-9; Teacher of Domestic Economy, Public Schools, Peoria, 1909; Domestic Science and Art, Manual Training High School, Peoria, 1910-11.

FARLEY, NELLIE R., 223 Crescent Ave., Peoria.
Literature; University of Missouri, 1906-8; A. B., *ibid.*, 1908.

FAST, BYRON M., Clearfield, Pa.
Science; Teacher of Manual Training, Grand Rapids, Wis., 1906-7; University of Illinois, 1907-9; B. S., (Engineering), *ibid.*, 1909; with Light, Heat & Power Co., Springfield, Ill., 1909-10; Electric Power Salesman, Empire District Electric Co., Joplin, Mo., 1910-11; Supt. of New Business Dept., Public Service Corporation, Clearfield, Pa., 1912—; Member of N. E. L. A. and A. I. E. E. Married (August, 1911,) to Frances Shacklette.

GREVES, GEORGE L., 1423 Glen Oak Ave., Peoria.
Science; Graduate Student in Chemistry, Bradley Institute, 1906-7; Teacher of Manual Training, Peoria Public Schools, 1907-8; Teacher of Science and Manual Training, Sleepy Eye, Minn., 1908-9; Student, Bradley Institute, Summer School,

1908-9; Student Assistant in Physics, Bradley Institute, 1909-10; Graduate in Engineering, *ibid.*, 1910; Engineering Work in Wisconsin with Byllesby & Co., of Chicago, 1910-11; Construction Dept., Peoria Gas & Electric Co., Summer, 1911; Student (Engineering), University of Illinois, 1911—.

HARRIS, JOSEPH W., Seward.
Science; Graduate Student, Bradley Institute, 1906-7; with Westinghouse Electric Co., Pittsburg, Pa., 1907-8; Ranch, Carbondale, Colo., 1908-9; Married (1910) to Mary A. Neeley.

HELMBOLD, JESSIE T., 711 North St., Peoria.
Science; Teacher, Peoria Schools, 1906—.

HAYES, VERA J., 227 Missouri Ave., Peoria.
Literature; Northwestern University, 1906-8; A. B., *ibid.*, 1908; Teacher, Peoria Public Schools, 1908—.

*HEYLE, FRANKLIN T.
Engineering; University of Illinois, 1906-9; B. S. (Engineering), *ibid.*, 1909; Civil Engineer, Yawyer & Co., Indianapolis, Ind., 1909-10; with Madeira-Mamora R. R. Co. of N. Y. City, 1910. Died, 1911.

HUNTER, EDITH A. (MRS. R. RAY KUNKLE), Mackinaw.
Literature; Teacher's Certificate in Domestic Economy, Bradley Institute, 1906; Teacher, Carrollton, Ill., 1906-7; Teacher, Domestic Science, Peoria Public Schools, 1907-8.

KENDALL, J. ORVILLE, 708 Fisher St., Peoria.
Science; with Avery Co., 1906—.

KIRKPATRICK, MADGE I., 609 N. Jefferson Ave., Peoria.
Literature; Graduate Student in Domestic Economy, Bradley Institute, 1906-7; Teacher of Algebra and Domestic Economy, Pekin High School, Pekin, Ill., 1907-8; Student, Lake Forest College, 1908-10; A. B., *ibid.*, 1910; Teacher of Domestic Economy, Peoria High School, 1909—.

LUKENS, JOHN E., Box 422, Chariton, Ia.
Science; Teacher of Science, High School, Chariton, Ia., 1906; Assistant Principal, *ibid.*, 1910—; Student, University of Iowa, Summer, 1908.

*LYDING, HARRISON A.
Science; Winner University of Chicago Scholarship; University of Chicago, 1906-8; Senior College Scholarship, *ibid.*, 1907-8; B. S., *ibid.*, 1908; Rush Medical College, 1908-10; M. D., *ibid.*, 1910; Intern at Michael Reese Hospital, Chicago, 1910-11. Died March, 1911.

*MILLS, HELEN S. (MRS. LAURENCE THOMPSON)
Science; Student Assistant in Chemistry, Bradley Institute, 1906-7; Fabiola Hospital, Oakland, Cal., 1908-9. Died December, 1910.

NEILL, LOUIE A., Scotia, Cal.
Engineering; Draftsman, American Hardware Co., Ottawa, 1906-7; with Gueder & Baosche, of Milwaukee, Wis., 1907-8; with Peoria Gas & Electric Co., 1908-9; with Pacific Lumber Co., Scotia, Cal., 1909—.

PHILLIPS, IRENE L., 5624 Ellis Ave., Chicago.
Literature; Graduate Student Bradley Institute, 1906-7; Teacher, Stark, Ill., 1907-8; Principal High School, Washburn, Ill., 1908-11; Student, University of Chicago, Summer, 1909 and 1911-12; to receive Ph. B. in June.

ROCKWELL, FLOY E., Lexington.
Literature; Illinois Wesleyan University, 1907-9; A. B., *ibid.*, 1909; Assistant Principal, High School, Colfax, Ill., 1909-11; Asst. Principal, High School, Lexington, Ill., 1911—.

SHEA, EDNA E., 210 Cooper St., Peoria.
Literature; Teacher, Peoria Schools, 1906—.

SIMMS, FRED S., 118 Pennsylvania Ave., Peoria.
Mechanic Arts; University of Illinois, 1906-7; Business, Peoria, 1907-8; B. S. (Engineering), University of Illinois, 1909; with Allis-Chalmers Co., Cincinnati, O., 1909-10; Head Electrician, Avery Co., Peoria, 1910—. Married (1911) to Laura E. Geach.

TINEN, MARY E., 211 Sumner Ave., Peoria.
Literature; Teacher, Peoria Schools, 1906—. Student, University of Illinois, Summer, 1911.

TOBIAS, AGNES M., 426 North St., Peoria.
Literature; Special Teacher of Drawing and Elementary Manual Training, Peoria, 1906-10; Student, Summer School, Bradley Institute, 1907-9; Chicago School of Applied Art, Summer, 1910; Assistant Supervisor of Drawing, Peoria, 1910; Student, Art Institute, Chicago, 1911-12.

WRIGHT, LELA M., Illinois Woman's College, Jacksonville.
Literature; University of Chicago, 1906-8; Ph. B., *ibid.*, 1908, (Honorable Mention in German); Teacher of German, High School, Hot Springs, Ark., 1908-9; Prin-

cipal High School, Tolono, Ill., 1909-10; German and Latin, Dallas City, Ill., 1910-11; German, Academy of Illinois Woman's College, Jacksonville, 1911—.

DAVIDSON, CHARLES R., 20 E. Forest Ave., Belleville, Pa.
Teacher of Manual Training, Allegheny, Pa., 1906-7; Bellevue, Pa., 1907. Married (1907) to Mary E. Tefft.

GOLDSMITH, MAUD, 155 Lyon St., Grand Rapids, Mich.
Student, Oswego (N. Y.) Normal School, two years; Student, Art Institute, Chicago; Teacher, Saginaw, Mich., 1895-1905; Teacher of Manual Arts, Kansas State Normal, 1910; Supervisor of Manual Training in Grade Schools and High School, Bloomington, Ind., 1906-8; Assistant in Manual Arts, State Normal University, Normal, 1908-9; Teacher of Manual Training, Grand Rapids, Mich., 1911—.

McNABNEY, CHARLES, 2405 Fifth Ave. W., Seattle, Wash.
Teacher of Manual Training, Head of Manual Arts Dept., Queen Anne High School, Seattle, Wash., 1906—. Married (1909) to Jennie Salisbury.

WRIGHT, MARY ALICE (Mrs. ARTHUR B. MAYS), Huntsville, Texas.
Teacher of Manual Training, Teachers Training School, Springfield, 1906-7; Assistant Supervisor of Manual Training and Drawing, Public Schools, Bloomington, Ind., 1907-8; Manual Training in District Schools, Indianapolis, Ind., 1908-11.

The Certificate in Domestic Economy was conferred upon Jennie E. Cation, Essie M. Heyle, Edith A. Hunter and Hertha Tjaden, whose records will be found on preceding pages.

1907

BAKER, ARTHUR E., 1212 S. Adams St., Peoria.
Science; Medical School; University of Michigan, 1907-9; Rush Medical College, 1909—.

COALE, WILLIS B., 511 Machin St., Peoria
Classics; Teacher, Tazewell Co., 1907-10; Student, Oberlin College, 1910—; to receive A. B. Degree in June.

FELTGES, EDNA M., 521 New York Ave., Peoria
Literature; Teacher, Edelstein, 1907-8; Teacher, High School, Glasford, 1908-9; Student, University of Chicago, 1909-10; Ph. B., *ibid.*, 1910; Teacher of Mathematics, High School, Junction City, Kan., 1910—.

GRANT, SARAH J., 231 E. Orange Ave., Monrovia, Cal.
Literature; Art Institute, Chicago, 1907-8; Assistant Supervisor of Drawing, Peoria Public Schools, 1908—; Student, Art Institute, Chicago, 1910-11; Business Manager, Sanzotuck Summer School of Painting, 1911; Instructor in Art, High School, Monrovia, Cal., 1911—.

HARTE, LOUISE W., Minonk.
Literature; Teacher, Glasford, Ill., 1907-8; Chillicothe, 1908—.

HAUK, GRACE E., 10 Warren St., Hammond, Ind.
Classics; Winner University of Chicago Scholarship; Iowa Summer Library School, 1907; University of Chicago, Summer, 1908; Librarian and Assistant in English, Bradley Institute, 1907-9; Student, University of Chicago, 1909-10; A. B., *ibid.*, 1910; Head of Department of Public Speaking and Assistant in English, High School, Hammond, Ind., 1910—.

*HAYWARD, JAMES C.
Science; Student, Cornell University, 1907-10. Died September, 1910.

KELLAR, HERBERT A., 227 Langdon St., Madison, Wis.
Classics; University of Chicago, 1907-9; A. B., *ibid.*, 1909; Teacher of History and English, Manzanita Hall, Palo Alto, Cal., 1909-11; Graduate Work in History at Leland Stanford University, 1909-11; Fellowship in History, University of Wisconsin, 1911-12.

MILLER, FREDERICK F., 1336 Newberry Ave., Chicago.
Science; Medical School, University of Michigan, 1907-9; Rush Medical College, 1909-11; M. D., *ibid.*, 1911; Interne, Chicago Lying-in Hospital, 1912.

O'BRIEN, EDNA M., Morton.
Science; Proctor Hospital Training School for Nurses, 1909-11—.

PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Literature; Graduate Student, Bradley Institute, 1907-8; Student Assistant in Chemistry, *ibid.*, 1908-9; Sewing, *ibid.*, Summer, 1909-10; Teacher of Domestic Science, Peoria Schools, 1909—.

RIDER, ELIZABETH, Pekin.
Literature; Teacher, High School, Chillicothe, 1907-9; Student, University of Chicago, 1909; Ph. B., *ibid.*, 1911; Teacher, Pekin, Ill., 1911—.

ROBINSON, EULALIA, Goodfield.
Literature; Teacher, Goodfield, 1907-8; Student, Dennison University, 1908-10.

ULRICH, LINA S., 576 Columbia Terrace, Peoria.
Literature; Mt. Holyoke College, 1907-10; A. B., *ibid.*, 1909.

WOOLNER, ROSE, 303 Ellis St., Peoria.
Literature; University of Chicago, 1907-8; Ph. B., (with Honorable Mention),
ibid., 1909; Graduate work in Correspondence School, *ibid.*; Assistant in German,
Peoria High School, 1908—.

TEACHERS' CERTIFICATE.

BOWMAN, BERTHA R., Mt. Carroll.
Teacher of Domestic Science, Frances Shimer Academy, Mt. Carroll, 1907—.

ELLIS, ELEANOR, 1103 S. Adams St., Peoria
Teacher of Domestic Science—. (See Class of 1906.)

FRANCIS, MYRTLE D., Normal School, River Falls, Wis.
Teacher of Domestic Science, Girls' Industrial School, Evanston, October to
March, 1907; Teacher, School of Domestic Arts and Science, Chicago, March, 1907-8;
Supervisor of Domestic Science, Mankato, Minn., 1908-9; Snow College of Dress-
making, Summer, 1909; Teacher of Domestic Science, Frances Shimer Academy,
Mt. Carroll, Ill., 1909-10; Teacher of Domestic Science, Normal School, Mankato,
Minn., Summer, 1911; in charge of Department of Domestic Science, State Normal
School, River Falls, Wis., 1910—.

KIRKPATRICK, MADGE I., 608 N. Jefferson Ave., Peoria.
Teacher of Algebra and Domestic Science, Pekin, Ill., 1907-8; Domestic Science,
Peoria High School, 1909—. (See Class of 1906.)

NELSON, ALMA E., Miles City, Mont.
Teacher of Manual Training, Valley City, N. D., 1907-10; Teacher in Grammar
Grade Dept., Miles City, Mont., 1911—.

TEFFT, MARY E. (MRS. CHARLES R. DAVIDSON), 437 Jefferson, Bellevue, Pa.
1908

BAILEY, MARTHA, 909 Knoxville Ave., Peoria.
Literature; Teacher, Peoria Schools, 1910—.

BECKER, HARRY S., Bisbee, Ariz.
Engineering; Business, Peoria, 1908-10; with El Paso and S. W. Ry., Bisbee,
Ariz., 1910—.

BEECHER, BENJAMIN S., 408 Frye Ave., Peoria.
Literature; Student, University of Wisconsin, 1908; A. B., *ibid.*, 1910; Assist-
ant Instructor Political Economy, *ibid.*, 1910; M. A., *ibid.*, 1911; Manager of Glee
Club, *ibid.*, 1910-11; Actuary, Wisconsin State Insurance Commission, 1910—.

BOHL, FRANCIS J., Madelia, Minn.
Science; Teacher, Humboldt College, 1908-11; Summer School, Bradley Institute,
1911; Teacher of Manual Training and Science, Madelia, Minn., 1911—.

DWINELL, MERRILL M., 227 East Armstrong, Peoria.
Literature; Teacher, Averyville High School, 1908-9; Assistant in Physics,
Peoria High School, 1909-10; Student, Northwestern University, 1910—; to receive
A. B. in June.

EASTON, SIDNEY H., 218 Fredonia Ave., Peoria.
Science; Winner University of Chicago Scholarship; B. S., University of Chicago,
1909; M. S., *ibid.*, 1911; Rush Medical College, 1908—; Student Assistant in
Histology, *ibid.*, Summer, 1909; Mergler Scholarship in Physiology, 1909-10; S. B.,
University of Chicago, 1909; Honorable Mention in Anatomy and Physiology; In-
structor in Anatomy, University of Chicago, 1910-11; Student, Rush Medical,
Chicago, 1911—.

FABER, MARION, 1633 Glen Oak Ave., Peoria.
Classics; Student, Leland Stanford University, 1909, June, 1910; A. B., *ibid.*,
January, 1910; Teacher, Peoria Schools, 1910; Teacher, Hittle Township High
School, Armington, Ill., 1910—.

FULFORD, ANNETTE, 1101 Calumet Ave., Calumet, Mich.
Science; Student in Domestic Science, Bradley Institute, 1908-9; Graduate,
ibid., 1909; Teacher of Domestic Science, Pekin, Ill., 1909-10; in charge of Domestic
Science, Stonington, Ill., 1910-12; Calumet, Mich., 1911—.

GEACH, LAURA E. (MRS. FRED S. SIMMS), 118 Pennsylvania Ave., Peoria.
Literature; Teacher, Averyville Grade Schools, 1908-9; Teacher in Averyville
High School, 1909-11—.

GRANT, MARTHA I., 118 N. Center St., Plymouth, Ind.
Literature; Student, University of Chicago, 1908-10; Ph. B., *ibid.*, 1910;
Teacher, Latin and German, North Belvidere, Ill., 1910-11; Teacher of History,
High School, Plymouth, Ind., 1911—.

GREGG, HAZEL, 510 Fourth Ave., Peoria.
Literature; Teacher, Peoria Schools, 1908—.

GRIFFIN, HARRY K., Bureau of Standards, Washington, D. C.
Science; Aid, Bureau of Standards, 1908-9; Laboratory Assistant, *ibid.*, 1909—;
Student, George Washington University, 1908—; A. B., *ibid.*, 1910.

HANNAM, EMMA L., 919 N. Glendale Ave., Peoria.
Science; Teacher, Peoria Public Schools, 1908—.

HAYWARD, MARGUERITE B., 203 S. Douglas, Peoria.
Classics; Assistant Principal, High School, Tremont, 1908-11; with P. & P. U.
(Master Mechanic's Office), 1911—.

HILLER, WILLIAM G., Bisbee, Ariz.
Engineering; Student, University of Illinois, 1908; B. S., *ibid.*, 1910; with
Calumet & Arizona Mining Co., Bisbee, Ariz., 1910—.

LYNCH, HAROLD W., 929 Glen Oak Ave., Peoria.
Engineering; Student, University of Illinois, 1908-10; completed work for
A. B. Degree, *ibid.*, February, 1910; Business, Peoria, 1910.

MAHLE, GEORGE C., 110 Barker Ave., Peoria.
Classics; Teacher, Tazewell County Schools, 1908-9; Student at Wesleyan
University, Middletown, Conn., 1909-11; A. B., *ibid.*, 1911; to receive M. A., *ibid.*,
in June; member of Phi Beta Kappa; Teacher of English, Holbrook School, Ossening,
N. Y., 1911—.

MASON, CHARLES G., 613 Ellis, Peoria.
Classics; Student, University of Chicago, 1908; A. B., *ibid.*, 1910; Teacher of
English, Manual Training High School, Peoria, 1910.

MACDONALD, ALEXANDER, 503 Seventh Ave., Peoria.
Engineering; Teacher of Mechanical Drawing, High School, Kansas City, Kan.,
1908—; Student, Bradley Institute, Summer, 1911.

MORRIS, BESSIE M., 900 Knoxville Ave., Peoria.
Literature; Student, Bradley Institute, Fall and Winter, 1908; Teacher, Peoria
Public Schools, Spring, 1909; Student, Oberlin College, 1909-10; A. B., *ibid.*, 1910;
Teacher, Peoria City Schools, 1911—.

MOSS, M. ETHELWYN, 2415 Western Ave., Peoria.
Science; Graduate Student, Bradley Institute, Fall, 1908; Teacher, Peoria Public
Schools, 1908—.

MUIR, ELLEN A., 535 Linn St., Peoria.
Literature; Graduate Student, Bradley Institute, 1908-9; Assistant Principal,
High School, Farmington, Ill., 1909-11; Principal of High School, Staunton, Ill.,
1911—.

MURDUCK, R. KENNETH, 237 Jameson Place, Reading, Pa.
Engineering; Student, University of Illinois, 1908-10; B. S., *ibid.*, 1910; with
United Gas Improvement Co., Reading, Pa., 1910—.

RADLEY, OLIVE E., 109 N. Institute Place, Peoria.
Literature; Teacher, Peoria Public Schools, 1908—.

ROCKWELL REXIE, Colfax
Classics; Teacher, Peoria County Schools, 1908-9; Student, Illinois Wesleyan
University, 1909-11; A. B., *ibid.*, 1911; Asst. Principal, High School, Colfax, Ill.,
1911—.

SPURCK, ROBERT M., 123 Nott Terrace, Schenectady, N. Y.
Engineering; Student, University of Illinois, 1908; B. S., *ibid.*, 1910; Testing
Engineer, General Electric Co., Schenectady, N. Y., 1910—.

STRAESSER, CLARENCE W., 109 W. Virginia Ave., Peoria.
Literature; Business, Peoria, 1908—.

WERCKLE, FRANK W., 220 N. Garfield, Peoria.
Mechanic Arts; Graduate Student, Bradley Institute, 1908-9; Draftsman with
Acme Harvesting Machine Co., Peoria, 1909—.

TEACHERS' CERTIFICATE.

CARTER, LEONA F., 349 E. Buchtel Ave., Akron, O.
Teacher of Domestic Science, Lexington, Ill., 1909-10; Student, Stout Institute,
Summer, 1910; Teacher of Domestic Science, High School, Akron, O., 1910—.

CURTIS, JOHN W., 313 Poplar Ave., Memphis, Tenn.
Supervisor of Manual Training, Helena, Mont., 1908-11; Student, Stout Insti-
tute, Summer, 1909; Principal of Vocational Grammar and High School, Memphis,
Tenn., 1911—.

GRIMM, EDITH L. (MRS. ALBERT F. BERG), 448 S. Eighth St., Salina, Kan.
Teacher of Elementary Art and Handwork, Salina Public Schools, 1908-10.

KRAEGER, BERTHA E., 701 S. Capitol St., Pekin.
Teacher of Domestic Science, Pekin Schools, 1908-9; Teacher of Domestic
Science, Peoria Schools, 1909-10; Graduate Art, Bradley Institute, 1909-10; Teacher
of Domestic Science and Art, Pekin, 1910—.

LINDSEY, TASSO, University Place, University, N. Dak.
Teacher of Manual Training, Public Schools, Oak Park, Ill., 1909-10; Instructor
in Manual Training, University of North Dakota, 1910—; continued studies at Stout
Institute, Lewis Institute, Columbia University.

PAUL, JOSEPH W., Imperial, Cal.
Manual Training. (See Class of 1904.)

- PATTERSON, LAURA G., 609 Bradley Ave., Peoria.
Domestic Science. (See class of 1907.)
- SELVIDGE, ROBERT W., Columbia, Mo.
Professor of Manual Arts and Director of Engineering Shopwork, University of Missouri, 1908—; B. S., Columbia University, 1908; A. M., *ibid.*, 1909.
- SIEFERT, ALBERT F., 38 N. Willow St., Montclair, N. J.
Part time Student, University of Iowa, 1905-7, and Summer, 1906-7; Director of Manual Training, Normal School, Maryville, Mo., 1908-9; Student, Stout Institute, Summer, 1907, 1908, 1909, 1910; Diploma in Manual Training, *ibid.*, 1910; Teacher of Manual Training, Public Schools, Montclair, N. J., 1909—. Student, Teachers College, 1910—. Married (September, 1909,) to E. Elta Brown.
- WILLIAMS, MARY E., Marion, Ind.
Indiana University two years; Teacher of Manual Training. City Schools, Marion, Ind., 1908-10; Student, Chicago Art Institute, Summer, 1909; Student in Normal Art, Pratt Institute, 1910-12; to graduate in June; Teacher's Certificate from Prang and Seegmiller Summer School.
- 1909
- BAUGHMAN, BERTHA, 1217 Maine St., Quincy.
Literature; Teacher of Domestic Science, Public Schools, Quincy, Ill., 1909—.
Summer School, Bradley Institute, 1910.
- BAUMGARTNER, GROVER, Delta Upsilon House, University of Chicago.
Literature; Ph. B., University of Chicago, 1911; Honor Scholarship, *ibid.*, 1911;
Law School, *ibid.*, 1911—.
- BIBO, ANNA, R. F. D. No. 4, Peoria.
Literature; Teacher, Kingman School, Averyville, 1909-11; Teacher of Mathematics and History, Averyville High School, 1911—.
- BONIFACE, VIVIAN, 1525 N. Madison Ave., Peoria.
Literature; Winner of University of Chicago Scholarship; Assistant in English, Bradley Institute, 1909—.
- BROWN, HAZEL M., 613 Indiana Ave., Peoria.
Literature; Teacher, Peoria Schools, 1909—.
- CASHIN, M. BERNADETTE (MRS. FREDERICK R. CLARKE), St. Louis, Mo.
Literature; Student, Trinity College, Washington, D. C., 1909-11.
- CAUSEY, FREDERICK A., 3811 Westminster Place, St. Louis, Mo.
Science; Student, St. Louis University (Medical School), 1909-11; B. S., *ibid.*, 1911; Technician, Alexian Brothers Hospital, 1909-10; Assistant in Physiology, St. Louis University Medical School, 1910-11; Assistant in Medicine and Demonstrator in Pathology, *ibid.*, 1911—.
- COOPER, HUGH E., 415 Barker Ave., Peoria.
Science; Student, University of Illinois, 1909-10; University of Chicago, 1910-11; B. S., *ibid.*, 1911; Rush Medical, 1911—.
- CUSHING, EDWARD A., Ocean Park, Cal.
Engineering; with Avery Mfg. Co., 1909-10; Electrician, Starland Theater, Ocean Park, Cal., 1910—.
- DONATHEN, ERMA, Box 20, St. H., Los Angeles, Cal.
Literature; Graduate Student (Domestic Science), Bradley Institute, 1909-10;
With Crescent Mfg. Co., Seattle, Wash., 1910-11.
- EBAUGH, GLENN M., 701 Seventh Ave., Peoria.
Mechanic Arts; Graduate Student (Engineering), Bradley Institute, 1909-10;
with Holt Caterpillar Co., Peoria, 1910—.
- FRITZE, LUCIUS A., 55 Carrich Ave., Carrich, Pa.
Engineering; Student, University of Illinois, 1909-11; Student Assistant in Physiological Chemistry, *ibid.*, 1910-11; B. S. *ibid.*, 1911; Head Chemist, South Pittsburg Laboratory, Amer. Waterworks & Guarantee Co., 1911—.
- HARRIS, DAVID E., Amboy.
Science; with Harman Engineering Co., Fall, 1909; Rockford Interurban Co., 1909-10; with J. M. Egan (Civil Engineer), 1910—.
- HECKMAN, CONSTANCE C., 201 S. Underhill St., Peoria.
Science; Teacher, Princeville, Ill., 1909-10; Teacher, Peoria Schools, 1910—.
- HELMBOLD, LOUISE M., 711 North St., Peoria.
Classics; Student, University of Chicago, 1909-11; A. B., *ibid.*, 1911; Teacher, Peoria Schools, 1911—.
- HUDSON, WILLIAM H., Studebaker Corporation, Plant 10, Detroit, Mich.
Engineering; Draftsman, with Allis-Chalmers Co., Milwaukee, Wis., 1909-10 with Westinghouse Electric Co., Pittsburg, Pa., 1910-11; Designing Engineer with Gramm Motor Car Co., Lima, O., 1911; with Commercial Engineering Dept., Studebaker Corporation, Detroit, Mich., 1911—.
- KELLER, ROY A., 230 W. Gilman St., Madison, Wis.
Engineering; with Peoria Gas & Electric Co., 1909-10; Student, University of Wisconsin, 1910; Degree in Civil Engineering in June.

- KELLOGG, SUSAN A., 1017 State St., Peoria.
Literature; Teacher, Peoria Schools, 1909—.
- KNAPP, MARIE A., 350 Buena Vista Ave., Pekin.
Literature; Teacher at Streator, Ill., 1911—.
- LIDLE, IRENE C., 809 St. James St., Peoria.
Science; Teacher, Peoria Schools, 1909—.
- LINDBURG, FREDERICK G., 417 Butler St., Peoria.
Engineering; Draftsman, with Allis-Chalmers Co., Milwaukee, Wis., 1909-10;
Business, Peoria, 1910—.
- LOVE, EDITH B., 219 Fredonia Ave., Peoria.
Science; Student, University of Chicago, 1909-11; B. S., *ibid.*, 1911; Teacher,
Township High School, Biggsville, Ill., 1911—.
- MAGARET, MELITTA A., 57 Brainard St., Naperville.
Classics; Student, University of Chicago, 1909-11; Ph. B., *ibid.*, 1911; Honors in
German and Latin; Teacher of Latin and German, High School, Naperville, Ill.,
1911—.
- MUNNS, EDWARD N., 429 S. Division St., Ann Arbor, Mich.
Science; Student, School of Forestry, University of Michigan, 1909—; engaged
in research work upon relation of soils to development of root-systems of pine
seedlings, 1910-11; with National Forest Reserve, Cal., Summer, 1911; to receive
M. S. in June.
- PFEFFINGER, CARL J., 425 California Ave., Peoria.
Science; Student, Rush Medical College, 1909-10.
- PLOWE, ROBERT, 421 Frye Ave., Peoria.
Engineering; with C. W. La Porte, Patent Attorney, Peoria, 1909-10; Assistant
to Advertising Manager, Avery Co., 1910-11; with Poffenbarger Printing Co., 1911—.
- SCHNEELY, MERRILL I., 402 Linn St., Peoria.
Classics; Winner of University of Chicago Scholarship; Student, University of
Chicago, Summer, 1909; A. B., *ibid.*, 1911; Assistant in Chemistry, Bradley Institute,
Chicago, 1909-10; Law School, University of Chicago, 1910—; Representative of the
University in Central Debating League, 1911.
- SCHWEITZER, HARRY E., 122 Barker Ave., Peoria.
Science; Student, University of Chicago, 1909-11; B. S., *ibid.*, 1911; Scholar-
ship in Chemistry, *ibid.*, 1910-11; Business, Peoria, 1911—.
- SHOOP, W. MARRS, 923 Jackson St., Peoria.
Literature; Student, Northwestern University, 1909-11; A. B., *ibid.*, 1911;
with International Harvester Co., Peoria, 1911—.
- WERCKLE, FRANK W., 220 N. Garfield, Peoria.
Engineering. (See Class of 1908.)

TEACHERS' CERTIFICATE.

- ALLISON, ETTA M., University, North Dakota.
Domestic Science; Assistant in School of Domestic Science, Chautauqua, N. Y.,
Summer, 1909; Assistant Diet Cook, Battle Creek Sanitarium, Summer, 1910;
Lecturer on dietaries, Memorial Hospital, Mattoon, Ill., 1910; Assistant Manager of
Commons, University of North Dakota, 1911—.
- ANGIER, CARROLL A., 2928 College Ave., Ft. Worth, Texas.
Manual Training; Supervisor of Manual Training, Fort Worth, Texas, 1909—;
Student, Stout Institute, Summer, 1910. Married (1910) to Miranda G. Bottomley.
- BALCKE, OLIVE A., 418 W. Washington St., Quincy.
Domestic Science; Teacher of Domestic Science, Public Schools, Quincy, Ill.,
1909-11; Assistant at School of Domestic Science, Chautauqua, N. Y., Summer, 1909;
Student, Denver University, Summer, 1911; Teacher of Domestic Science, Enterprise,
Kan., 1911—.
- BAUGHMAN, BERTHA, 1217 Main St., Quincy.
Domestic Science. (See Class of 1909.)
- BILGER, RICHARD G., Ring Place, Cincinnati, Ohio.
Manual Training; Teacher of Manual Training, City Schools, Cincinnati, Ohio,
1909-10; Woodward High School, 1910—; Student, Cornell University, Summer,
1910.
- BOWER, HARRY G., 191 Magnolia Ave., Detroit, Mich.
Manual Training; Teacher of Manual Training, City Schools, Detroit, Mich.,
1909—. Married (1909) to Ruth Major.
- CASE, BERTHA, 510 Ravine Ave., Peoria.
Domestic Science; Teacher of Cooking, Manual Training High School, and
Supervisor of Cooking, Peoria Schools, 1909—; Student, Miss Farmer's School of
Cooking, Boston, Summer, 1910.
- COEN, ELEANOR, 1004 Broadway, Normal.
Manual Training; Graduate Student, Normal University, completing Course in
Household Art; Teacher of Sewing, City Schools, Decatur, Ill., 1911—.

- CRAIG, ROBERT C., Urbana,
Manual Training; Teacher of Manual Training, Oak Park, Ill., 1906-8; Urbana,
1909—.
- EVERLY, HAROLD W., Teachers College, N. Y. City.
Manual Training; Teacher of Manual Training, Odd Fellows' Orphan Home,
Lincoln, Ill., 1909-10; Supervisor at Hammond, Ind., 1910-11; Student, Teachers
College, 1911—.
- FOTH, GEORGE F., 3269 Boulevard, Jersey City, N. J.
Manual Training; Teacher of Manual Training, Jersey City Schools, 1907—;
Also carrying on studies leading to B. S. at New York University. Married (April,
1907,) to Theodora K. Schmidt.
- FULFORD, ANNETTE E., Calumet, Mich.
Domestic Science. (See Class of 1908.)
- HIDALGO, AUGUSTO, Box 78, Manila, Philippines.
Manual Training; Student, Teachers College, New York, 1909-10; B. S., Colum-
bia University and Diploma from Teachers College, 1910; Teacher, Philippines,
1910—.
- HUTTER, GEORGE F., Wilkes Barre, Pa.
Manual Training; Teacher of Manual Training, Minneapolis Schools, 1909-10;
Supervisor of Manual Training, Wilkes Barre, Pa., 1910—. Married (May, 1909,) to
May A. Pugh.
- KURTZ, EDWARD, Hartley Hall, Columbia University, N. Y.
Manual Training; Director of Manual Training, Sandusky, Ohio, 1909-10; Stu-
dent, Columbia University, Summer, 1910-11; Director of Manual Training, Greens-
burg, Pa., 1910-11; Student, Columbia University, 1911-12; to receive B. S. in June.
- McLEMORE, WILLIAM D., Teachers College, N. Y. City.
Manual Training; Principal of Coffin School, and Supervisor of Drawing, Nan-
tucket, 1909-11; Student, Teachers College, 1911—. Married (September, 1909,) to
Elizabeth Baxter.
- MILLEN, RALPH G., San Fernando, Cal.
Manual Training, Teacher of Manual Training in Public Schools, Quincy, Ill.,
1909-10; Santa Paula, Cal., 1910-11; Teacher of Drawing and Manual Training,
San Fernando, Cal., 1911—.
- MILLER, CORA B., 24 N. 10th St., Fort Dodge, Ia.
Domestic Science; B. S., Beloit College; Teacher of Domestic Science, Fargo
High School, 1909-11; Supervisor of Domestic Science and Art, Fort Dodge, Ia.,
1911—.
- RITTER, FLORENCE E., So. Manchester, Conn.
Domestic Science, June, 1909; Teachers' Diploma, Teachers College; Assistant in
School of Domestic Science, Chautauqua, N. Y., Summer, 1909-10; Teacher of
Domestic Science, South Manchester, Conn., 1909—.
- ROSS, EDWIN A., Venice, Cal.
Manual Training; Superintendent of Manual Training, El Paso, Texas, 1909-11;
Taught in Institute of Manual Arts, Mt. Hermon, Cal., Summer, 1911; Head of
Mechanical Arts Dept., Polytechnic High School, Venice, Cal., 1911—.
- SAYRE, VERNON E., 913 Granite Drive, Pasadena, Cal.
Manual Training; A. B., Emporia College, Emporia, Kan., 1907; Teacher of
Manual Training, Pasadena, Cal., 1908—. Married (June, 1910,) to Grace Dotey.
- SHIELDS, STELLA, 1332 Third St., Santa Monica, Cal.
Manual Training; Teacher of Manual Training and Domestic Science, Santa
Monica, Cal., 1909—.
- SMITH, ROBERT J., Ruston, La.
Manual Training; Teacher of Manual Training, Louisiana Industrial Institute,
Ruston, La., 1901—.
- TOMPKINS, E. RAY, Grand Forks, N. D.
Manual Training; Director of Manual Training, Grand Forks, N. D., 1909—;
Teacher of Manual Training, Normal University, Normal, Ill.,
Teacher of Manual Training, Normal University, Normal, Ill., Summer, 1909, 1910,
1911. Married (1910) to Ora Clover.
- WATERS, MARGARET, Battle Creek, Mich.
Domestic Science; Assistant Dietitian, Battle Creek Sanitarium, Battle Creek,
Mich.; Diploma, *ibid.*, 1911.
- WESTLAKE, ELLA C., Peoria.
Manual Training; Teacher of Manual Training, El Paso Public Schools, 1909-
10; Assistant in Drawing, Bradley Institute, Fall, 1911.
- WING, BRISTOL E., 547 Charles St., La Salle.
Manual Training; Normal Course, Hackley Manual Training School, 1906-7;
Teacher of Manual Training, No. Normal and Industrial School, Aberdeen, S. D.,
1907-8; Teacher of Manual Training, North High School, Des Moines, Ia., 1909-10;
Director of Manual Training, La Salle-Peru Township High School, 1910—. Mar-
ried (November, 1911,) Cynthia V. Powers.

1910

- ATWOOD, CHARLES A., R. F. D. No. 29, Alta.
Science; Student (Agriculture), University of Illinois, 1910—.
- BECKER, META, 213 First Ave., Peoria.
Classics; Teacher, Peoria Schools, 1910—; German, Peoria High School, 1911-12.
- BOTTO, SUSANNA J., Beecher Hall, University of Chicago.
Literature; Student, University of Chicago, 1910—; to receive Ph. B. in June.
- CARSON, ROY P., 109 E. Arcadia Ave., Peoria.
Engineering; Student, University of Illinois, 1910; with Clark-Smith Co., Peoria, 1911; University of Illinois, 1911—.
- COOPER, RUTH L., 415 Barker Ave., Peoria.
Literature; School of Music, Northwestern University, 1911—.
- EBAUGH, GLENN M., 701 Seventh Ave., Peoria.
Engineering. (See Class of 1909.)
- GOODING, FRANK E., 401 S. University St., Peoria.
Engineering; Student, University of Illinois, 1910—; to receive B. S. in June; with Herschel Mfg. Co., Peoria, Summer, 1910; On Plant Efficiency Tests for Commonwealth Edison Co., Chicago, Summer, 1911.
- GREVES, GEORGE L., 1423 Glen Oak Ave., Peoria.
Engineering. (See Class of 1906.)
- HEYLE, ALLEN W., 720 Troost Ave., Kansas City, Mo.
Science; Student (Agriculture), University of Illinois, 1910-11; with Illinois Orchards Co., Stevensville, Mont., Summer, 1910; Brown's Business College, Peoria, Summer, 1911; with The Clark Co., Wenatchee, Wash., Fall, 1911; Student at Winter School of Agriculture, Washington State College, 1911-12; with Pasco Orchard Co., Pasco, Wash., 1912—.
- HOWARD, GEISERT A., 326 Bradley Park Road, Peoria.
Literature; Student, University of Chicago, 1910-11; Syracuse University, 1911—.
- KAMMANN, ELVA., 2408 Main St., Peoria.
Literature; Student, University of Illinois, 1910—; to receive A. B. in June.
- KEAS, CLEDA M., 303 Ellis St., Peoria.
Literature; Teacher, Peoria Schools, 1910—.
- KEITHLEY, AMY, 1601 Knoxville Ave., Peoria.
Literature; Student, University of Wisconsin, 1910-11; Wells College, Aurora, N. Y., 1911—; to receive A. B. in June.
- KELLAR, G. GORDON, 325 Grove Ave., Oak Park.
Science; Teacher of Manual Training, Oak Park, Ill., 1910—.
- KING, MYRA H., 109 Fredonia Ave., Peoria.
Literature; Student, Rockford (Ill.) College, 1910—; to receive A. B. in June.
- KLOTZ, HARRY J., 827 N. Glendale, Peoria.
Engineering; Student, University of Illinois, 1910—; to receive B. S. in June.
- LEE, GRACE E., 217 W. Armstrong, Peoria.
Science; Travel in California, 1910-11.
- MALLING, HATTIE J., 1225 First St., Peoria.
Literature.
- MINTON, JOHN P., 193 Warren Ave., Boston, Mass.
Engineering; Student, Massachusetts Institute of Technology, 1910-12; to graduate in June.
- PFEIFFER, BENJAMIN S., 1108 N. Madison, Peoria.
Engineering; Student, University of Illinois, 1910-12—; to receive Degree of B. S. in June.
- MYERS, MEDORA, 805 Knoxville Ave., Peoria.
Literature; Student, University of Minnesota, 1910-11; Teacher, Peoria Schools, 1911—.
- RICHMOND, MARGUERITE, 124 N. Glenwood, Peoria.
Literature; Student, Bradley Institute, 1910—.
- RUSSELL, MARGARET L., 748 W. William St., Decatur.
Literature; Student, Milliken University, 1910—; to receive A. B. in June. Literary Editor of The Millidek, 1911.
- SANFORD, FLOYD E., Edison Building, Los Angeles, Cal.
Science; Business, Peoria, 1910; with Heald's Business College, Los Angeles, Cal., 1910-12; with So. California Edison Co., Los Angeles, Cal., 1912—.
- SCHWARTZ, FLORENCE L., Peotone
Literature; Student, University of Chicago, 1910-11; Teacher of English and History, High School, Manteno, Ill., 1911—; to receive Ph. B. summer 1912.
- STREHLOW, SANCHEN G. (MRS. WESTON CUTTER), 907 N. Glen Oak, Peoria.
Science; Teacher, Peoria Schools, 1910-11.

- TRAEGER, CARL A., 942 Mound St., St. Paul, Minn.
Science; Student (Medicine), University of Minnesota, 1910—.
- WAGNER, HAROLD W., 412 Knoxville Ave., Peoria.
Science; Business, Peoria, 1910; Manager of Kircher Carriage Co. 1912—.
- WEAD, GRACE E., 206 Fredonia Ave., Peoria.
Science; Student, Oberlin College, 1910—; to receive A. B. in June.

TEACHERS' CERTIFICATE.

- ARLITT, CARL WALTER, Y. M. C. A., San Antonio, Texas.
Manual Training; Teacher, Manual Training, El Paso, Texas, 1909-10; San Antonio, Texas, 1910; Student, Bradley Institute, summer 1910.
- BELSLEY OLGA C., 1405 N. Jefferson, Peoria.
Domestic Economy; Teacher, Peoria Schools, 1910—.
- BURK, WILLIAM E., El Paso, Texas.
Manual Training; Supervisor of Manual Training, Lead, South Dakota, 1907-11; El Paso, Texas, 1911—.
- CANTIENY, JOSEPHINE J., 3327 Ninth Ave. S., Minneapolis, Minn.
Manual Training; Teacher of Manual Training, Ortonville, Minn., 1910—.
- CATION, A. LAURA, 605 Bradley Ave., Peoria.
Domestic Economy; Teacher, Peoria Schools, 1910; Student, Teachers' College, summer 1911.
- CLARKE, HARLEY L., 776 E. 105th St., Cleveland, O.
Manual Training; Teacher, Manual Training, Columbus, O., 1909-11; at Mayflower, Center, Cleveland, O., 1911—.
- COLEMAN, BESS M., Hennepin.
Domestic Economy.
- CRUIKSHANK, LEWIS W., 140 W. 16th St., Philadelphia, Pa.
Manual Training; Instructor in Manual Training and Mechanical Drawing, Friends School, Philadelphia, Pa.
- DONATHEN, ERMA, Box 20, Sta. H., Los Angeles, Cal.
Domestic Economy; (See Class of 1909.)
- DUSTIN, ELEANOR I., Y. W. C. A., Peoria.
Domestic Economy; Matron at State Training School for Girls, Geneva, Ill., 1910-11; similar position at Morrison, Colo., 1911-12; with Y. W. C. A., Peoria, 1912—.
- FAUBLE, LUELLE K., La Moille.
Domestic Economy; Teacher of Cooking and Sewing, Odd Fellows' Orphans' Home, Lincoln, Ill., 1910-11.
- JACOBSON, NELLIE P., 829 E. 19th St., Oakland, Cal.
Manual Training; Teacher of Manual Training, Oakland, Cal., 1910—; part time Student, California School of Arts and Crafts, 1911—.
- LANDER, CLARENCE H., 2832 Hampshire Rd., Cleveland, O.
Manual Training; Instructor in Woodworking and Drawing, East High School, Cleveland, Ohio, 1910—.
- LEININGER, MYRTLE M., Elkhart, Ind.
Domestic Economy; Teacher of Domestic Economy, So. Bend, Ind., 1911—.
- PORTER, MARY E., 5535 Montgomery Rd., Pleasant Ridge, O.
Domestic Economy; Teacher of Domestic Science, Cincinnati, O., 1910—.
- POTTER, RUTH E., 625 6th St., Lincoln.
Domestic Economy; Teacher of Domestic Science, Lincoln, Ill., 1910—.
- ROCKWELL, LYNN D., 603 Sullivan St., Olean, N. Y.
Manual Training; Teacher, Manual Training and Mechanical Drawing, High School, Olean, N. Y., 1910—; married (1910) to Rena Colwell.
- RHYAN, IVAH M., 2206 N. Eleventh St., Terre Haute, Ind.
Domestic Economy; Teacher of Domestic Science, Indiana Normal College, Terre Haute, Ind., 1909—.
- SCHERLING, FRIEDA, 416 Brady St., Elkhart, Ind.
Domestic Economy; Teacher of Domestic Science, Crookston, Minn., 1910-12.
- SCHICK, JOHN M., 3269 Montana Ave., Cincinnati, O.
Manual Training; Teacher of Manual Training, Hughes High School, Cincinnati, O., 1908—.
- SCHNEIDER, GENEVA M., Iowa City, Ia.
Domestic Economy; Teacher of Domestic Economy, Osceola, Ia., 1911—.
- SCHWARTZ, HELEN L., 19 Scott St., Vincennes, Ind.
Manual Training; Supervisor of Manual Training, Vincennes, Ind., 1910—.
- SENGENBERGER, INA C., 933 Glen Oak Ave., Peoria.
Domestic Economy; Instructor, Normal and Collegiate Institute, Asheville, N. C., 1910-11; Substitute Teacher of Domestic Science, Francis Shimer Academy, 1912.

- SHERWOOD, RUTH R., R. F. D. No. 2, Peoria.
Domestic Economy; Teacher, Peoria Schools, 1910—.
- STRELOW, SANCHEN G. (MRS. WESTON CUTTER), 907 N. Glen Oak, Peoria.
Domestic Economy. (See above.)
- STONIER, FERN, Toulon, Ill.
Domestic Economy; Student Assistant in Sewing, Bradley Institute, 1910-11;
Teacher of Domestic Science, Galva and at Y. W. C. A., Peoria, 1911—.
- SUMMERS, ETHEL M., Dickinson, N. D.
Domestic Economy; Teacher of Domestic Science and Art, High School, Dickinson, North Dakota, 1910-12.
- BARKDOLL, FRANK S., 1911 164 N. Prairie St., Batavia.
Manual Training; Teacher Manual Training Wilmar, Minn., Fall of 1911; with
C. B. & Q. Railway, Chicago, 1911—.
- BIBO, MARY, Alta.
Literature; Winner of University of Chicago scholarship; Teacher of Modern
Language, High School, Wyoming, Ill., 1911—.
- BLACKBURN, SAMUEL A., Spring Valley, Minn.
Manual Training; Instructor Manual Training, Spring Valley Associated
Schools, 225 9th St., Quincy, Ill., 1911—; Married (August, 1911) Elsie M. Clark.
- BREITSTADT, HULDA C., 225 9th St., Quincy.
Domestic Economy; Teacher Domestic Economy, Quincy, Ill., 1911—.
- BRENNEMAN, RUTH V., South Bend, Ind.
Domestic Economy; Teacher, Domestic Economy, S. Bend, Ind., 1911—.
- BUMGARNER, EARL R., Streator.
Manual Training; Teacher, Manual Training, Streator, Ill., 1911—.
- BUNN, LORING T., 116 6th Ave., Peoria.
Engineering; with Oakford & Fahnestock, Peoria, 1911—.
- COMP, RAY O., Watseka.
Manual Training; Instructor in Manual Training, Wells Manual Training
School, Watseka, Ill., 1911—.
- COWDEN, MARGARET L., Monmouth
Domestic Economy; Teacher of Domestic Economy, Mary Holmes Seminary,
West Point, Miss., 1911—.
- CROMAN, HELEN J., The Martha Washington, Mt. Clemens, Mich.
Literature; Assistant manager of Sanitarium, The Martha Washington, Mt.
Clemens, Mich., 1911—.
- CUNNINGHAM, JAMES H., 54 Langley Ave., Toronto, Canada.
Manual Training; Teacher of Manual Training, Toronto, Can.
- DOUGLAS, HELEN, 410 Wayne St., Peoria.
Domestic Economy; Teacher, Domestic Economy, Peoria City Schools, 1911—.
- DRURY, FLORENCE O., 207 S. Orange St., Peoria.
Domestic Economy; Teacher, Sewing and Science, High School, Junction City,
Kansas, 1911—.
- ELLIS, MARY E., Arthur and McDougal Sts., Peoria.
Literature; Teacher, Peoria City Schools, 1911—.
- FATHMAN, IRENE, 7310 Vine St., Maplewood, Mo.
Domestic Economy; Teacher, Domestic Science, High School, Maplewood, Mo.,
1911—.
- FLOOD, WILBUR E., 114 Sherman Ave., Peoria.
Engineering; Student, (Civil Engineering) University of Ill., 1911—.
- FRANZEN, THEODORE J., 520 6th St., Peoria.
Engineering; Winner of University of Chicago scholarship; Student, (Archil
tectural Engineering) University of Illinois, 1911—.
- FULTZ, EDNA, 921 N. 4th St., Anderson, Ind.
Domestic Economy; Teacher, Domestic Science, Anderson, Ind., 1911—.
- GISSLER, WILLIAM C., 1219 Dechman, Peoria.
Engineering; Student, (Engineering) University of Illinois, 1911—.
- GRAYSTON, FLORENCE L., 324 W. 10th St., Anderson, Ind.
Manual Training; Teacher, Manual Training, Anderson, Ind.
- HARTZ, WARREN V., 903 Garfield Ave., Belvidere.
Manual Training; Teacher, Manual Training, Belvidere, Ill., 1911—.
- HEUSE, CLARA L., 211 Cooper St., Peoria.
Domestic Economy; Assistant in Domestic Economy, Bradley Polytechnic In-
stitute, 1911—.
- HEYLE, BERNICE, 720 Troost Ave., Kansas City, Mo.
Literature; Student in Froebel Kindergarten Training School, Kansas City, Mo.,
1911—.

- KAEMPEN, RUTH H., 829 S. 14th St., Quincy.
Domestic Economy; Teacher, Domestic Economy, Quincy, Ill., 1911—.
- KECKERITZ, ALBERT C., 3839 Borden St., Cincinnati, O.
Manual Training; Teacher of Manual Training Public Schools, Cleveland, O.
- KING, ELIZABETH G., 109 Fredonia Ave., Peoria.
Literature; Teacher, Peoria City Schools, 1911—.
- KUHL, JOHN H., 909 Knoxville Ave., Peoria.
Engineering; Student, (Architectural Engineering) University of Illinois, 1911—.
- LAIRD, WILLA M., Hector, Minn.
Domestic Economy; Teacher of Domestic Economy, High School, Hector, Minn., 1911—.
- LEIGHTON, ETHEL C., 430 W. Nebraska, Peoria.
Science; Teacher, Peoria City Schools, 1911—.
- LORD, LESLIE S., 511 E. Armstrong Ave., Peoria.
Science; in business in Peoria, 1911—.
- LOVE, JEAN H., 219 Fredonia Ave., Peoria.
Literature; Student, University of Chicago, 1911—.
- MASON, HELEN E., 613 Ellis Ave., Peoria.
Literature—Teacher, Peoria City Schools, 1911—.
- MASON, LESTER R., 3019 N. Adams St., Peoria.
Science; in business in Peoria, 1911—.
- MAURER, FRED H., 13 Hitchcock Hall, University of Chicago.
Science; Rush Medical College, 1911—.
- MCCULLOUGH, HAROLD D., 430 Barker Ave., Peoria.
Engineering; in business in Peoria, 1911—.
- MCDONALD, HARRY T., 417 California Ave., Peoria.
Engineering; Draftsman for Bartholomew Co., Peoria, 1911—.
- MCMAY, MAUDE H., 204 S. Elmwood Ave., Peoria.
Literature; Teacher, City Schools, Peoria, 1911—.
- MCNEILL, LEOLA G., Prophetstown.
Domestic Economy.
- MERCER, FRANK G., 202 S. Elmwood Ave., Peoria.
Science; with Avery Co., Peoria, 1911—.
- MILLER, ZILPAH, Appleton, Wis.
Domestic Economy; Teacher, Domestic Economy, High School, Appleton, Wis.
- NIXON, HELEN M., 112 Flora Ave., Peoria.
Literature—Student, University of Chicago, 1911—.
- PARKER, BENNETT R., 519 N. Monroe St., Peoria.
Science; Rush Medical College, 1911—.
- PAYNE, ARTHUR F., 153 N. Elmwood Ave., Peoria.
Manual Training; Instructor in Manual Arts Bradley Polytechnic Institute, 1910—; Student, University of Chicago, Summer, 1911.
- POLSCHER, ALBERT L., Madison, Wis.
Manual Training; Supervisor of Manual Training, Madison, Wis.
- PRICE, CHAS. B., 939 N. 9th St., Reading, Pa.
Manual Training; Instructor, Manual Training, Maquoketa, Iowa, 1911—.
- REED, SALOME J., 116 Flora Ave., Peoria.
Domestic Science.
- RUTHERFORD, EDITH, 518 W. Armstrong Ave., Peoria.
Literature; Teacher, Peoria City Schools, 1911—.
- SCHENCK, ROGER, 210 Clara, Peoria.
Engineering; Assistant in Physical Training, Bradley Polytechnic Institute, 1911—.
- SMITH, DONALD F., 313 Bigelow St., Peoria.
Engineering; Student, (Engineering) University of Illinois, 1909-10; with Clark & Smith Hardware Co., Peoria, 1911—.
- THOMASSON, PAULINE E., Battle Creek, Mich.
Domestic Economy; Dietician, Sanitarium, Battle Creek, Mich.
- TJADEN, CHARLOTTE, 205 S. Underhill St., Peoria.
Manual Training; Supervisor of Drawing and Manual Training, Canton, Ill., 1911—.
- ULRICH, JULIA M., 516 Columbia Terrace, Peoria.
Literature.
- WRIGHT, CLARA M., Clinton, Ind.
Domestic Economy; Teacher of Domestic Economy, Clinton, Ind.

LIST OF STUDENTS

GRADUATES

Benton, King.....	Peoria	King, Elizabeth.....	Peoria
Cooper, Hugh E.....	Peoria	Payne, Arthur F.....	Peoria
Heuse, Clara L.....	Madison, Ind.		

COLLEGE

Allen, Lucy E.....	Delavan	Drysdale, Ellen.....	Peoria
Alline, Cozette K.....	Ft. Dodge, Ia.	Dwinell, Bruce E.....	Peoria
Archer, Bessie M.....	Peoria	Eckstein, Henry C.....	Peoria
Archer, Olin W.....	Peoria	Elliston, Robert L.....	Princeton
Armstrong, Haskell R.....	Peoria	Faber, Catherine.....	Peoria
Averill, Grace C....	Whitewater, Wis.	Fairchild, Julia M.....	Clinton, Ia.
Barnett, Robt. V.....	Peoria	Fecht, Emma F....	Kansas City, Kan.
Barrett, George B.....	Laura	Fey, Edwin F.....	Cuero, Texas
Bavington, Elizabeth M....	Edelstein	Finley, Lillian D....	Noblesville, Ind.
Berg, George W.....	Milwaukee, Wis.	Flick, Earl H.....	Rawson, O.
Bibbs, Ora.....	Peoria	Foster, Loa.....	Lowell, Ind.
Bilger, Paul.....	Cincinnati, O.	Foster, Wilda.....	Huntington, Ind.
Bliss, Ruth.....	Salem, Ia.	Francisco, Lewis M.....	Chicago
Bolles, Burt G.....	Marshall, Mich.	Fultz, Nette.....	Harristown, Ind.
Botts, Hazel M.....	Peoria	Funkey, Ruth L.....	Senter, Mich.
Boyd, Grace L.....	Peoria	Geiger, Helen.....	Peoria
Brandt, Gertrude L.....	Elgin	Gerhard, Elizabeth.....	Melott, Ind.
Breher, Louise.....	Lakeville, Minn.	Gerhard, Elsie.....	Melott, Ind.
Brown, Edna.....	Martinsville, Ind.	Gilbert, Martha B.....	Goshen, Ind.
Brown, Mae A.....	Martinsville, Ind.	Gilliland, Ruth.....	Peoria
Browne, Cyril G.....	Waukegan	Glasgow, Edna B.....	Hanna City
Buchanan, Florence E.....	Peoria	Glasgow, Mildred A.....	Peoria
Bullock, Hazel V.....	Eureka	Goss, John M.....	Peoria
Burgess, Helena.....	Peoria	Graff, M. Hope.....	Peoria
Buswell, Janet E.....	Peoria	Gunderson, Hannah R.	Elkpoint, S. D.
Billman, Ola T.....	Shelbyville, Ind.	Graner, Richard F.....	Peoria
Cardiff, Jessie B.....	Galva	Gray, Walter L....	Crawfordsville, Ind.
Carr, Helen L.....	Peoria	Grayson, Wm.....	Manchester, Eng.
Carter, Flora I.....	Girard	Guthrie, Kenneth W.....	Pekin
Cartwright, Dorris F.....		Hadley, Geraldine S...	Danville, Ind.
.....	New Harmony, Ind.	Hadley, Grace E....	Noblesville, Ind.
Case, Jeanette.....	Akron Ind.	Hakes, Laura L.....	Peoria
Chance, Charles W....	Hammond, Ind.	Hale, Augusta M.....	Peoria
Cisna, Charles G.....	Peoria	Hall, Arthur C.....	Des Moines, Ia.
Clift, Hazel A.....	Henry	Haller, Marcia.....	Peoria
Coon, Myrtle L.....	Laurium, Mich.	Hancock, Hazel L.....	Peoria
Cooper, Hazel M.....	Chicago	Hanford, Mildred M.....	Elgin
Coriell, George F.....	Green Valley	Hanna, Elizabeth.....	Peoria
Crawford, John A.....	Washburn	Hanson, Florence M.....	Elgin
Cullings, Sidney J.....	Elmwood	Harms, George W.....	Peoria
Dawson, Helen W.....	Milford	Hathway, Ina J....	Webster City, Ia.
Deach, Burdella D.....	Peoria	Harsch, Eugene M.....	Peoria
DeLent, Adelina M.....	Peoria	Hein, Leon F. A....	Stevens Point, Wis.
Ditewig, Gladys A.....	Peoria	Hicks, Jessica M.....	Banner
Donley, Marie D.....	Peoria	Hudson, DeGloria....	Portland, Ind.
Drury, Bernice.....	Peoria	Hullinger, Nellie G.....	Clinton, Ia.

Hunter, Mary E.....	Peoria	Potter, Edith L.....	Peoria
Hunter, Ralph W.....	Table Grove	Potter, Sarah E.....	Henry
Hunter, Wyman J.....	Peoria	Pulsipher, Irene E.....	Elmwood
Hall, Florence A....	Hancock, Mich.	Rasmussen, Mabel J.	Owatonna, Minn.
Ireland, Clare T.....	Washburn	Reed, Ethel A.....	Indianapolis, Ind.
Jacquin, Homer S.....	Peoria	Reuling, Lulu F.....	Morton
Jenkins, Henrietta R.....	Hot Springs, Ark.	Roberts, Frances T.....	Peoria
Johnston, Thos. W.....	Downs	Roche, Helen C....	Cedar Rapids, Ia.
Kamman, Meta M.....	Peoria	Root, Edward C.....	Springfield, O.
Kiethley, Lily L.....	Peoria	Rucker, Thomas J.....	Fayette, Mo.
Kellogg, M. Norma...	Jackson, Tenn.	Ruecke, Elmer E.....	Cleveland, O.
Keogh, Eulalia F.	Sturgeon Bay, Wis.	Runyon, Myrtle A.....	Delavan
King, Ruth.....	Peoria	Rust, Gladys M.....	Elkpoint, S. D.
Kirn, Harry W.....	Reading, Pa.	Saylor, James R.....	Glasford
Kristofferson, Grace D.....	Elgin	Scherer, Frank G.....	Peoria
Kyle, Ina M.....	Peoria	Schertz, Florence D.....	Metamora
Lackland, Bruce B.....	Morton	Schlueter, Clara L.....	Peoria
Larson, Carolyn M..	Hancock, Mich.	Schwentser, Marcella F.....	Peoria
Lovelace, Sadie.....	Sullivan, Ind.	Scott, Ramona F.....	Peoria
Lurton, Florine N.....	Peoria	Scranton, Charles J.....	Peoria
McDonald, Mary M....	Charleston	Seaburg, Elmer W.....	Peoria
McFarlane, Nina V.....	Whitewater, Wis.	Sears, Lena B.....	Maquoketa, Ia.
Malone, Lawrence J.....	Peoria	Secretan, Charlotte.....	Peoria
Manock, Alma.....	Chillicothe	Shaffer, Randolph C.....	Plymouth
Maple, Lucille E.....	Peoria	Shaw, Clio L....	Crawfordsville, Ind.
Maple, Ray C.....	Glasford	Sherin, Florence S.....	Winnebago, Minn.
Maxwell, Emory L.....	Cape Girardeau, Mo.	Silverthorne, Frank M....	Omro, Wis.
Mendenhall, Myra D..	Westfield, Ind.	Simpson, Clarence.....	Farmington
Meredith, Florence H.....	Yellow Springs, O.	Smith, Hazel H.....	Peoria
Merrill, Charles C.....	Peoria	Smith, Edith M.....	Peoria
Meyer, Florence R....	Cincinnati, O.	Spurck, Clara A.....	Peoria
Michaelson, Charles L.....	Minneapolis, Minn.	Staedeli, Cora M.....	Peoria
Monroe, Helen G.....	Chenoa, Ill.	Stecker, Andrew B.....	Morton
Moore, Julia.....	Fremont, O.	Stephenson, Walter E.....	Peoria
Moore, Robert M.....	Peoria	Stevens, Rita I....	Lime Springs, Ia.
Moore, Mabel V.....	Peoria	Stowell, Margaret D.....	Edelstein
Mulford, Charles R.....	Peoria	Strauch, Harry H.....	Thomson
Munns, Alice B.....	Peoria	Strache, Irma A.....	Warsaw
Neeb, Lewis.....	Cincinnati, O.	Sucher, Bertha E.....	Peoria
Nienhuser, Alvin F....	Cleveland, O.	Swan, Harold A.....	Galesburg
Nystrom, Esther S.....	Peoria	Swanson, Forrest C.....	Galesburg
Owen, Frank C.....	Washburn	Thompson, John H....	Cleveland, O.
Page, Gladys.....	Peoria	Tomm, Helen.....	Delavan
Parker, Theodora C.....	Peoria	Trowbridge, Mary.....	Green Valley
Pattison, Gordon L.....	Crawfordsville, Ind.	Ulrich, May V.....	Peoria
Paul, Helen L.....	Peoria	Vestal, Harry.....	Hamilton
Pittman, Howard T.....	Salem, Ia.	Voorhees, Gladys D.....	Flora, Ind.
Plowe, Margaret D.....	Peoria	Von Levern, Wm. P.....	St. Cloud, Minn.
Pool, Stella M.....	Peoria	Walker, Frank D.....	Mason City
Porter, Harold C.	Wallingford, Conn.	Warner, Earl A....	Whitewater, Wis.
		Warner, Earle E.....	Manito
		Waugh, Bernice.....	Peoria
		Weber, Jennie V....	Forestville, Wis.
		West, Homer E.....	Carmel, Ind.

Wetzel, Carrie F.....Fullerton, Cal.
 Wieder, Mary L.....Paris
 Wikoff, Leonard P.....Oneida
 Williams, Antoinette.Marinette, Wis.
 Wilson, Luther R.....Iowa City, Ia.

Worth, Helen M.....Quincy
 Yountz, Ernest L.....Eaton, Ind.
 Zimmerman, Georgina.....
Mason City, Ia.

HIGHER ACADEMY

Addison, Enid M.....Peoria
 Allen, M. Marguerite.....Peoria
 Baer, John V.....Peoria
 Barnes, Mildred.....Peoria
 Bartlett, Margaret.....Peoria
 Bellard, Charles H.....Elmwood
 Belsley, Mabel B.....Peoria
 Bennett, Howard G.....Peoria
 Benton, Emily R.....Peoria
 Berg, Edward.....Milwaukee, Wis.
 Berg, Frank F.....Peoria
 Berg, Moritz E.....Peoria
 Blackmon, Marjorie W.....Peoria
 Bunn, James H.....Peoria
 Cain, William L.....Peoria
 Clark, Thomas R.....Peoria
 Coffey, Isabelle.....Peoria
 Collier, Chris. S.....Bartonville
 Covey, E. Linn.....Peoria
 Coyner, Olga M.....Peoria
 Davis, Fred E.....St. Cloud, Minn.
 Day, Herbert.....Peoria
 Ditewig, George B.....Peoria
 Early, Carl A.....Peoria
 Ebaugh, Imogene A.....Peoria
 Eicher, Helen T.....Peoria
 Ellis, William E.....Peoria
 Elston, George W.....Peoria
 Evans, Mayme J.....Peoria
 Faber, Edwin F.....Peoria
 Fisher, Anna M.....Peoria
 Fox, Ray S.....Peoria
 Fritche, Selma P.....Peoria
 Goodfellow, Marion.....Peoria
 Gordon, Ruth A.....Alta
 Greves, Ross B.....Peoria
 Grossman, Bertha.....Peoria
 Hadfield, Helen H.....Peoria
 Hanna, Howard H.....Peoria
 Hardin, Clarence W.....Peoria
 Hauk, Zarah W.....Peoria
 Heckman, Grace.....Peoria
 Herrell, Sarah E.....Peoria
 Herschel, Emma M.....Peoria
 Hillis, Berenice K.....Peoria
 Jack, Elaine F.....Peoria
 Johnston, Effie S.....Peoria

Joseph, George E.....Peoria
 Kelley, Mae E.....Peoria
 Kenyon, Keith.....Peoria
 King, Hazel L.....Peoria
 Klepinger, Edith M.....Peoria
 Leisy, Florence.....Peoria
 Lord, Dorothy E.....Peoria
 McClintick, William H.....Peoria
 McCluggage, Elsie M.....Hanna City
 McCullough, Roscoe W.....Eden
 Macdonald, Hugh.....Peoria
 Mackemer, Lynn.....Peoria
 Mahle, Arthur E.....Peoria
 Makutchan, Clyde.....Peoria
 Martens, Adeline S.....Peoria
 Masker, Lillian P.....Peoria
 May, Laurence E.....Peoria
 Meek, Elizabeth.....Peoria
 Mercer, Ruth J.....Peoria
 Miller, Harry V.....Peoria
 Mitchell, Jessie M.....Peoria
 Mulford, Louise.....Peoria
 Nash, Margaret F.....Peoria
 Neal, Roscoe R.....Chillicothe
 Nicol, Isabelle K.....Peoria
 Nixon, Clarence.....Chillicothe
 Oates, Helen E.....Peoria
 Otto, Gordon.....Peoria
 Pappmeier, J. Frederick...Litchfield
 Pfeiffer, Josef S.....Peoria
 Pfeiffer, Rudolf S.....Peoria
 Plack, Edna M.....Peoria
 Plowe, Dorothy.....Peoria
 Quigley, Melba L.....Peoria
 Reed, Ruth E.....Peoria
 Reed, Vesta.....Peoria
 Rutter, Mary L.....Thornton, Ind.
 Rutter, Jessie J.....Thornton, Ind.
 Salzenstein, Arnold R.....Peoria
 Scholes, Jessie M.....Peoria
 Sedgwick, Donald L.....Peoria
 Sedgwick, James H.....Peoria
 Sherwood, Abijah M.....Peoria
 Shockley, Ruth.....Peoria
 Sisson, Wm. F.....Flagstaff, Ariz.
 Smith, Bryce D.....Earlville
 Smith, Pierce L.....Casper, Wyo.

Snyder, Howell.....	Peoria	Traeger, Esther.....	San Jose
Sprague, M. Adelaide.....	Peoria	Turman, Thomas J.....	Graysville, Ind.
Spurck, Ella M.....	Peoria	Turner, Clifton S.....	Peoria
Steele, Anna M.....	Peoria	Waldo, Proctor C.....	Peoria
Sehm, Lenora M.....	Peoria	Waln, Raymond R.....	Peoria
Stocking, George M.....	Berlin, Wis.	Wead, Frank W.....	Peoria
Stowell, Armina.....	Peoria	Weil, Gladys B.....	Peoria
Strehlow, Nettie.....	Peoria	Wilde, Margaret I.....	Peoria
Tefft, Ivan D.....	Peoria	Williamson, Floyd M.....	Peoria
Tefft, Lionel V.....	Peoria	Wissman, Rudolph J.....	Havana
Ticknor, James H.....	Peoria	Woelfle, Emilie M.....	Peoria

LOWER ACADEMY

Ackerman, Leah.....	Pekin	Evans, Marguerite R.....	Peoria
Alfs, George C.....	Peoria	Faber, Hester M.....	Peoria
Allen, Isabel.....	Peoria	Favre, John A.....	Peoria
Allen, Wm. R.....	Peoria	Fritche, Herman F.....	Peoria
Ash, Vera C.....	Peoria	Fritche, Marie L.....	Peoria
Baer, Thaddeus E.....	Peoria	Garber, Sivilla.....	Peoria
Bartels, Arthur F.....	Peoria	Gauss, Pauline.....	Peoria
Beecher, Dorothy A.....	Peoria	Glasgow, Gladys K.....	Peoria
Beeler, Hazel A.....	Peoria	Goodfellow, Thomas.....	Peoria
Black, Albert G.....	Mapleton	Goodrich, Verniece C.....	Peoria
Blossom, Fred M.....	Peoria	Gordon, Grace E.....	Alta
Blumenshine Elmer J.....	Washington	Gordon, Cora M.....	Peoria
Bontz, Maudelyn E.....	Peoria	Gorsline, Charles W.....	Peoria
Borland, Harold R.....	Hanna City	Goss, Henry H.....	Peoria
Brown, Paul H.....	Peoria	Graham, Arthur C.....	Peoria
Bruninga, William J.....	Peoria	Graves, Louise H.....	Peoria
Bryant, Francis L.....	Peoria	Gridley, J. Guy.....	Morrison
Burtis, Floss Z.....	Hudson	Grieve, Marian.....	Toulon
Butler, Allen G.....	Peoria	Grossenbeck, Edwin G.....	Washington
Carter, Benjamin F.....	Peoria	Hale, Herbert S.....	Peoria
Carter, Herbert C.....	Peoria	Hamil, Marshall L.....	Greenview
Cashin, Edward J.....	Peoria	Harper, Ray L.....	Cedar Rapids, Ia.
Chamberlain, Clarke E.....	Peoria	Harris, Joseph H.....	Helena, Mont.
Cashin, Madeline.....	Peoria	Harrison, Annie M.....	Peoria
Clarke, Bruce B.....	Peoria	Hart, Warren E.....	Peoria
Clark, Mary Chase.....	Peoria	Hatch, Brainard G.....	Peoria
Clark, Robert K.....	Peoria	Hayward, Morris H.....	Peoria
Coffey, Burch E.....	Peoria	Hazzard, Lowell B.....	Peoria
Collins, Campbell S.....	Peoria	Hearst, John A.....	Peoria
Conway, Helen V.....	Peoria	Hildebrandt, George H.....	Peoria
Cowell, Benjamin.....	Peoria	Hoklas, Erna.....	Peoria
Cunningham, George N.....	Peoria	Hopple, Laura.....	Peoria
Daily, James M.....	Peoria	Hopple, Emma.....	Peoria
Davis, Corinne P.....	Phoenix, Ariz.	Houghton, Elma S.....	Peoria
Day, Charles L.....	Peoria	Horwitz, Miriam L.....	Peoria
Day, Wilbur F.....	Peoria	Hughes, Norma B.....	Peoria
Doubet, Henry.....	Peoria	Jacquin, Wentworth C.....	Peoria
Drury, Ethel M.....	Peoria	Johnson, Laura I.....	Peoria
Ebaugh, Loretta A.....	Peoria	Johnson, Wm. H.....	Peoria
Egert, Geo. F.....	Peoria	Kellar, June M.....	Peoria
Ernst, Leslie.....	Peoria	Kelley, Fleta J.....	Peoria

Kern, Roland G.....	Pekin	Schimpff, Chas. H.....	Peoria
Kiefer, Dorothy W.....	Peoria	Schlatter, George H.....	Peoria
Kilbourne, Robert W.....	Peoria	Schmid, Rudolf V.....	Peoria
Klepinger, Harold A.....	Peoria	Scott, Josephine F.....	Peoria
Knapp, Mary L.....	Peoria	Secretan, Helen B.....	Peoria
Kurtz, Mervin V.....	Peoria	Seitz, Edward.....	Peoria
Langenberg, E. Walter.....	Peoria	Shaw, Harold S.....	Peoria
Lasley, Gladys E.....	Peoria	Shepardson, R. Milo.....	Peoria
Leech, Ruth A.....	Peoria	Shepler, Clarence H.....	Morton
Lewis, Richard P.....	Peoria	Siegel, Elizabeth.....	Oak Hill
Lewis, Alice.....	Peoria	Slick, Inez E.....	Peoria
Lindenfelser, Josephine.....	Morton	Smith, Florence L.....	Peoria
Lord, Esther S.....	Peoria	Smith, George G.....	Peoria
Loucks, Helen.....	Peoria	Snyder, John E.....	Peoria
Lovett, Eliot C.....	Peoria	Sommer, Mary H.....	Peoria
Lowes, Ralph C.....	Peoria	Spangler, Lester.....	LaRose
Luke, Roy K.....	Peoria	Spurck, Margaret F.....	Peoria
Luthy, Winifred H.....	Peoria	Stauffer, Wm. D.....	Peoria
McCormick, Harriet E.....	Peoria	Steenburg, Walter C.....	Farmington
McDougal, Robert D.....	Peoria	Stone, John B.....	Peoria
Mackemer, Dorothy.....	Peoria	Stone, William E.....	Peoria
Maple, Charles M.....	Brimfield	Strause, Clifford P.....	Peoria
Mason, Clyde F.....	Peoria	Strause, Edgar A., Jr.....	Peoria
Miles, Josephine K.....	Peoria	Strehlow, Marie J.....	Peoria
Miskimin, Ruth.....	Peoria	Stuber, Emma J.....	Peoria
Misner, Mary J.....	Peoria	Stuber, Marie C.....	Peoria
Mitchell, Walter S.....	Peoria	Stucky, Katherine B.....	Groveland
Monier, Nellie W.....	Bradford	Stuteville, Earl R.....	Peoria
Montgomery, Paul A.....	Peoria	Thayer, Mabel I.....	Oak Hill
Moore, Helen R....	Worcester, Mass.	Todhunter, Charles E.....	Peoria
Naumann, Hilton F.....	Peoria	Tomlinson, Gwendolyn B.....	Osco
Nelson, Grace L.....	Peoria	Triebel, Carl O.....	Peoria
Niehaus, Kathryn M.....	Peoria	Triebel, Clarence W.....	Peoria
Odell, Harrison S.....	Peoria	Ultch, Erna M.....	La Moille
Pappmeier, Louis S.....	Litchfield	Vandenburg, Mary J.....	Peoria
Parker, James W.....	Peoria	Vinz, Arthur A.....	Peoria
Parker, William.....	Peoria	Voss, John.....	Peoria
Paul, Herbert B.....	Peoria	Walton, Lawrence A.....	Elmwood
Paul, Lavinia.....	Peoria	Wheeler, Helen B.....	Peoria
Percy, Faye W.....	Alta	White, Frederick P.....	Peoria
Perry, Zelda L.....	Peoria	Wieland, Bessie.....	Peoria
Pinkerton, Elmira J.....	Peoria	Wiens, Helena.....	Peoria
Pinkney, William R.....	Peoria	Wilde, Marion E.....	Peoria
Pratt, Gladys G.....	Peoria	Wilder, Chas. L.....	Peoria
Raymond, Florence L.....	Peoria	Wilkinson, Cecil.....	Elmwood
Rians, Reuel K.....	Peoria	Williams, John B.....	Peoria
Rider, Geo. C., Jr.....	Pekin	Wood, B. Frances.....	Peoria
Ringel, Wilford P.....	Peoria	Wood, Mabel V.....	Peoria
Roberts, Holland D.....	Peoria	Woodward, H. Robert.....	Peoria
Roberts, Kathrina.....	Peoria	Woodward, King C.....	Peoria
Schertz, Kathryn B.....	Peoria	Wykle, Eva E.....	Peoria

UNCLASSIFIED

Anderson, Ernest J.....	Peoria	Miller, Grace.....	Peoria
Chubbuck, Aldo S.....	Peoria	Moery, Otto.....	Peoria
Forbrich, Mrs. J. J.....	Peoria	Moser, Mrs. F.....	Peoria
Forster, Grace.....	Peoria	Simpson, Alice K.....	Peoria
Johnson, Nellie A.....	Peoria	Sullivan, Geo. M.....	Peoria
Keller, Mrs. Ina F.....	Peoria	Tjaden, Geo.....	Peoria
King, Lee.....	Peoria	Zimmerman, Jessie Mae.....	Peoria

EVENING CLASSES

Albrecht, H. L.....	Peoria	Iler, H. E.....	Peoria
Alline, Cozette.....	Ft. Dodge, Iowa	Johnston, T. M.....	Downs
Anderson, E.....	Peoria	Kemp, Harriet.....	Peoria
Barr, K. K.....	Peoria	Kenyon, Keith.....	Peoria
Bilger, Paul.....	Cincinnati, O.	Merrill, E. A.....	Peoria
Blackmon, J. H.....	Peoria	Mickel, Adelaide.....	Peoria
Borries, LeRoy.....	Peoria	Nailon, J. C.....	Peoria
Breedlove, E. B.....	Peoria	Neeb, L. S.....	Cincinnati, O.
Browne, Cyril G.....	Waukegan	O'Connor, J. M.....	Peoria
Bryant, C. T.....	Peoria	Otters, Alexander.....	Peoria
Cartwright, D. F.....	Peoria	Pittman, H. T.....	Salem, Ia.
Clift, Hazel.....	Henry	Pool, G. B.....	Peoria
Comstock, C. E.....	Peoria	Reeve, J. T.....	Peoria
Comstock, L. A.....	Peoria	Root, E. G.....	Springfield, O.
Coon, Myrtle G.....	Larium, Mich.	Sammon, N. J.....	Peoria
Daily, E. S.....	Peoria	Scovel, Mary.....	Peoria
Davis, F. E.....	St. Cloud, Minn.	Staedeli, Wm.....	Peoria
Emerson, T. M.....	Peoria	Stowell, R. E.....	Peoria
Evans, M. A.....	Peoria	Strache, Irma.....	Warsaw
Faber, Hester.....	Peoria	Sturseman, Vergil.....	Peoria
Flick, Earl H.....	Rawson, O.	Thompson, J. H.....	Cleveland, O.
Foster, Loa.....	Lowell, Ind.	Tjaden, Anna.....	Peoria
Fulmer, G. R.....	Peoria	VonLevern, Wm. P.....	St. Cloud, Minn.
Fundam, Carl.....	Peoria	Voorhees, Gladys D.....	Flora, Ind.
Getz, J. B.....	Peoria	Wagner, Peter.....	Peoria
Gleason, Helen.....	Peoria	Wead, Frank.....	Peoria
Hadley, Geraldine.....	Danville, Ind.	Whitmeyer, M. H.....	Peoria
Hathway, Ina.....	Webster City, Ia.	Wilson, Harry.....	Peoria
Hein, L. F. A.....	Stevens Point, Wis.	Withey, Estella.....	Peoria
Iffland, Mrs. E.....	Peoria		

SUMMER SCHOOL

Anderson, Hauk L.....	Lowry, Minn.	Bennett, George L.....	Des Moines, Ia.
Arnot, Goldie M.....	Delphi, Ind.	Berg, George E.....	Muskegon, Mich.
Ashley, Walter E.....	Maplewood, Mo.	Bisbey, Bertha.....	Alma, Kan.
Baker, Elizabeth.....	Oconomowoc, Wis.	Blackburn, Samuel A.....	Edwardsville
Barber, George A.....	Toledo, O.	Blazier, Florence E.....	Muncie, Ind.
Barnes, Roy H.....	Forest City	Bohl, John F.....	Peoria
Barr, Ralph E.....	Mankato, Minn.	Bolles, Burt G.....	Marshall, Mich.
Barrett, Mary H.....	Lewiston	Bolles, William B.....	Cleveland, O.
Bartelme, Adelaide.....	Chicago	Breher, Louise.....	Lakeville, Minn.

- Bryan, Florence.....Hackett, Ark.
 Burns, Jennie J.....Chillicothe
 Byrne, Mary E.....
 Bedford Sta., P. E. I., Can.
 Carlson, Hilmer C...St. Cloud, Minn.
 Chance, Charles W...Hammond, Ind.
 Chiles, Margaret...Independence, Mo.
 Clark, Mary H.....Peoria
 Colton, John H.....Woodson
 Conner, Murray.....Sullivan, Ind.
 Cooley, Bess.....Belgrave, Neb.
 Cornwell, Albert M...Fort Smith, Ark.
 Courtney, Ola E.....Muncie, Ind.
 Craig, Robert C.....Peoria
 Crouse, Ray L.....Dike, Ia.
 Davidson, Oliver C.....Pandora, O.
 Demlon, Leslie C.....Champaign
 DeVore, Walter F....Cleveland, O.
 Dixon, Laura B....Indianapolis, Ind.
 Douglas, Helen.....Peoria
 Duncan, Lillian.....Quincy
 Ebersold, Ralph R...Cedar Falls, Ia.
 Eisiminger, Helen D...Fillmore, Mo.
 Elliott, Bruce A....Brookings, S. D.
 Elliott, Ross W....Brookings, S. D.
 Fecht, Emma F....Kansas City, Kan.
 Feltges, Edna F.....Peoria
 Findley, Delbert L.....Decatur
 Finley, Lillian D....Noblesville, Ind.
 Fitch, Evelyn.....St. Louis, Mo.
 Fox, Louis W.....Austin, Texas
 Freeman, James R...Fort Pierre, S. D.
 French, Ralph W....Muskogee, Okla.
 Friley, Walter L...Independence, Kan.
 Fultz, Edna.....Harristown, Ind.
 Garretson, Walter C.....
 Terre Haute, Ind.
 Gerwig, Elizabeth...Noblesville, Ind.
 Gooding, Harry L....Lincoln, Neb.
 Gossett, Harold W....Danville, Ind.
 Graff, Hope.....Peoria
 Grayson, William...Manchester, Eng.
 Grayston, Florence L.....
 Huntington, Ind.
 Hancock, Winfield S....Ruston, La.
 Hardy, Clarence W...Muskegon, Mich.
 Hargitt, George H....Aurora, Ind.
 Harte, Della M.....Salina, Kan.
 Hartz, Warren V....Reading, Pa.
 Hendershott, Samuel D.....
 Cleveland, O.
 Hepp, Maylon H.....Ackley, Ia.
 Hickman, Ruth F....St. Louis, Mo.
 Hiler, Frank E.....Fairfield, Ia.
 Holloway, Lucile G.....Peoria
 Howell, Albert E....Ida Grove, Ia.
 Hunk, DeWitt....Ft. Worth, Texas
 Iler, Harry E.....Peoria
 Jackson, Florence A.....Alton
 Jones, Earl M.....Des Moines, Ia.
 Jones, Sarah E....New Albany, Ind.
 Joseph, Blanche M....St. Louis, Mo.
 Joseph, Carrie L....St. Louis, Mo.
 Kackeritz, Albert C....Cincinnati, O.
 Kendall, William A....Reading, Pa.
 Keir, Willard.....Waukegan
 Kershner, Gaston C.....Normal
 Kies, Samuel M.....LeRoy
 Kirk, Wm. C.....Delavan, Wis.
 Kiser, Laura M.....Springfield
 Koyle, Clarence L.....
 Sault Ste. Marie, Mich.
 Laughlin, Arthur P.....Peoria
 Long, Albert B.....Lebanon, Ind.
 Lord, Georgina H.....Peoria
 Lund, Ruth A.....Moline
 Lurton, Florine N.....Peoria
 Makutchan, Clyde.....Peoria
 Marek, Anna S.....Peoria
 McFarlane, Dorothy.....
 Whitewater, Wis.
 McGinnis, John W.....Quincy
 McNay, Maude H.....Peoria
 McQuiddy, Minta F.....
 New Albany, Ind.
 Miller, Aubrey.....Peoria
 Mock, Albert.....Plainville, Ind.
 Moore, Henry N....Milner, Idaho
 Murphy, Eva M.....Omaha, Neb.
 Neff, Aletta.....Wymore, Neb.
 Nichols, Grace L....St. Louis, Mo.
 Noll, John L.....Altoona, Pa.
 Nystrom, Esther.....Peoria
 Oakes, Reuben W.....
 Worthington, Minn.
 Overpeck, Mabel E....Hamilton, O.
 Painter, William E....Newark, O.
 Palmer, Jennie A.....Princeville
 Patterson, Zillah K.....Peoria
 Pattie, Harry F....Muskegon, Mich.
 Peacock, Fletcher.....
 Murray Covner, N. B.
 Pinkerton, Floyd V....Mars, Mass.
 Pitman, Max F.....Anoka, Minn.
 Pollock, May E.....Peoria
 Ragsdale, Howard E...Franklin, Tenn.
 Rambo, Jessie E.....DeLong
 Riggs, Frederick B....Santee, Neb.
 Rorke, Melon P.....Garey, S. D.
 Rupp, Edward S....Wilkes Barre, Pa.

Schlieper, Marcus H....	Ida Grove, Ia.	Tjaden, Anna H.....	Peoria
Schick, Alfred C.....	Cincinnati, O.	Todd, George A.....	Petersburg
Schmidt, Victor R.....	Austin, Texas	Townsend, Lydia.....	New Albany, N. Y.
Schriber, Minnie.....	Oshkosh, Wis.	Trautmann, Anna M.....	Peoria
Selvidge, Harley E.....	Kansas City, Mo.	Trueblood, Clifford E....	Salem, Ind.
Shea, Mary H.....	Peoria	Turley, Anna M.....	Orleans, Ind.
Shelley, Edwin H.....	St. Louis, Mo.	Van Deusen, Ella M....	Lyons, N. Y.
Shinn, Ella.....	Springfield	Von Leveren, William P.....	St. Cloud, Minn.
Simpson, Clarence.....	Farmington	Voss, Ervin A.....	Elkhorn, Wis.
Smissen, Kate (Mrs. M. Z.).....	Kokomo, Ind.	Walters, Linzy E.....	Newark, O.
Smith, Victor J.....	Austin, Texas	Warner, Earl A....	Whitewater, Wis.
Smith, William J.....	Cleveland, O.	Watson, Winnifred.....	Winnebago, Minn.
Speece, Harold E....	Fort Wayne, Ind.	Weldy, John H.....	Decatur, Ind.
Spurgeon, Alberta....	Columbus, Ind.	Wenger, Alice.....	Cairo
Strode, Cora B.....	Springfield	Westlake, Ella C.....	Peoria
Sturtevant, Walter W.	St. Paul, Minn.	Williams, Antoinette.....	Marinette, Wis.
Sweet, Marvin S.....	Lawton, Okla.	Worth, Helen M.....	Quincy
Taughter, William P.....	South Kaukauna, Wis.	Wright, Clara M.....	Clinton

SUMMARY OF STUDENTS.

	YOUNG		TOTAL
	MEN	WOMEN	
College	74	128	202
Higher Academy.....	58	58	116
Lower Academy.....	103	81	184
Unclassified	6	8	14
Evening Classes.....	42	17	59
Graduates	3	2	5
Summer School.....	87	68	155
	373	362	735
Horological Department.....			266

	1001
Deduct names counted twice.....	15
	986

RESIDENCE OF STUDENTS

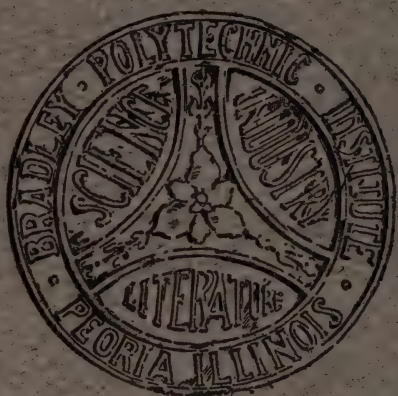
School of Arts and Sciences:		
From Peoria.....	402	
From Illinois (outside of Peoria).....	113	
From other States.....	205	720
Horological Department:		
From Peoria.....	4	
From Illinois (outside of Peoria).....	23	
From other States.....	239	266
		986

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THE HOROLOGICAL DEPARTMENT.

The Horological Department gives practical instruction in Watchwork, Engraving, Jewelry, and Optics. It is open throughout the year, and Students can enter at any time. A Catalogue will be sent free upon request.



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